



Australian Bureau of Statistics

DECEMBER 2015

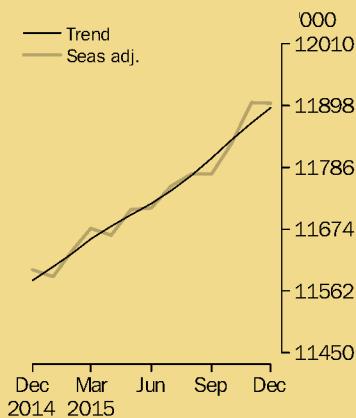
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LABOUR FORCE

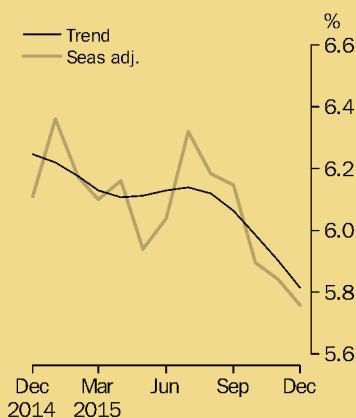
AUSTRALIA

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Employed Persons



Unemployment Rate



INQUIRIES

For further information about these and related statistics, email client.services@abs.gov.au > or contact the National Information and Referral Service on 1300 135 070.

KEY FIGURES

	Nov 2015	Dec 2015	Nov 15 to Dec 15	Dec 14 to Dec 15
Trend				
Employed persons ('000)	11 866.4	11 893.8	27.5	2.7 %
Unemployed persons ('000)	744.2	734.3	-9.9	-4.8 %
Unemployment rate (%)	5.9	5.8	-0.1 pts	-0.4 pts
Participation rate (%)	65.1	65.2	0.0 pts	0.5 pts
Seasonally Adjusted				
Employed persons ('000)	11 903.3	11 902.3	-1.0	2.6 %
Unemployed persons ('000)	738.4	727.5	-10.9	-3.6 %
Unemployment rate (%)	5.8	5.8	-0.1 pts	-0.3 pts
Participation rate (%)	65.3	65.1	-0.1 pts	0.5 pts

KEY POINTS

TREND ESTIMATES (MONTHLY CHANGE)

- Employment increased to 11,893,800.
- Unemployment decreased to 734,300.
- Unemployment rate decreased 0.1 pts to 5.8%.
- Participation rate increased less than 0.1 pts to 65.2%.
- Monthly hours worked in all jobs increased 2.8 million hours to 1,649.9 million hours.

SEASONALLY ADJUSTED ESTIMATES (MONTHLY CHANGE)

- Employment decreased 1,000 to 11,902,300 from a revised November 2015 estimate. Full-time employment increased 17,600 to 8,228,700 and part-time employment decreased 18,500 to 3,673,600.
- Unemployment decreased 10,900 to 727,500. The number of unemployed persons looking for full-time work decreased 2,600 to 515,000 and the number of unemployed persons only looking for part-time work decreased 8,400 to 212,500.
- Unemployment rate decreased 0.1 pts to 5.8%, based on unrounded estimates.
- Participation rate decreased 0.1 pts to 65.1%, based on unrounded estimates.
- Monthly hours worked in all jobs increased 0.3 million hours to 1,645.2 million hours.

NOTES

FORTHCOMING ISSUES

ISSUE	RELEASE DATE
January 2016	18 February 2016
February 2016	17 March 2016
March 2016	14 April 2016
April 2016	19 May 2016
May 2016	16 June 2016
June 2016	14 July 2016

WHAT'S NEW IN THE
LABOUR FORCE

For details regarding an update to the Labour Force Survey questionnaire, the regular update to the seasonal adjustment process, the change to release timing and a minor revision to underemployment data, refer to the "What's new in the Labour Force" on page 8.

ROUNDING

Estimates of changes shown on the front cover and used in the commentary have been calculated using unrounded estimates, and may be different from, but are more accurate than, movement obtained from the rounded estimates. The graphs on the front cover also depict unrounded estimates.

SAMPLING ERROR

The estimates in this publication are based on a sample survey. Published estimates and movements are subject to sampling variability. Standard errors give a measure of sampling variability. The interval bounded by two standard errors is the 95% confidence interval, which provides a way of looking at the variability inherent in estimates. There is a 95% chance that the true value of the estimate lies within that interval.

MOVEMENTS IN SEASONALLY ADJUSTED SERIES BETWEEN NOVEMBER 2015 AND DECEMBER 2015

	<i>Monthly change.....</i>	<i>95% Confidence interval.....</i>	
Total Employment	-1 000	-59 600	to 57 600
Total Unemployment	-10 900	-47 700	to 25 900
Unemployment rate	-0.1 pts	-0.5 pts	to 0.3 pts
Participation rate	-0.1 pts	-0.5 pts	to 0.3 pts

David W. Kalisch
Australian Statistician

LABOUR FORCE COMMENTARY DECEMBER 2015

NATIONAL ESTIMATES

Australia's trend estimate of employment increased by 27,500 persons in December 2015, with:

- the number of unemployed people decreasing by 9,900,
- an unemployment rate of 5.8 per cent, a decrease of 0.1 percentage points,
- the participation rate increasing less than 0.1 percentage points (based on unrounded estimates) to 65.2 per cent, and
- the employment to population ratio increasing 0.1 percentage points to 61.4%.

The trend unemployment rate remained at 6.1 per cent from March 2015 to September 2015, before declining over subsequent months to its current level of 5.8 per cent. The trend employment to population ratio, which expresses the number of employed persons as a percentage of the civilian population aged 15 years and over, increased steadily from 60.8 per cent in May 2015 to 61.4 per cent in December 2015.

Over the past 12 months, trend employment has increased by 312,200 (or 2.7%), above the average year-on-year growth over the last 20 years of 1.8%. Over this period trend unemployment has decreased by 37,300 (or 4.8%), with the trend unemployment rate decreasing from 6.2 per cent to 5.8 per cent. The participation rate (up 0.5 percentage points) and employment to population ratio (up 0.8 percentage points) both increased over this period.

The trend employment increase of 27,500 persons represents a monthly growth rate of 0.23% which is above the monthly average over the past 20 years (0.15%). This continues the trend in relatively strong employment growth seen since December 2014.

The trend series smooth the more volatile seasonally adjusted estimates.

The seasonally adjusted unemployment rate for December 2015 was 5.8 per cent (down 0.1 percentage points, based on unrounded estimates) and the labour force participation rate was 65.1 per cent (down 0.1 percentage points, based on unrounded estimates).

Seasonally adjusted full-time employment increased by 17,600 persons to 8,228,700 while part-time employment decreased by 18,500 to 3,673,600 persons in December 2015. The decrease in total seasonally adjusted employment of 1,000 persons to 11,902,300 resulted from:

- a decrease in female part-time employment, down 10,200 persons
- a decrease in male part-time employment, down 8,300 persons
- an increase in female full-time employment, up 3,000 persons
- an increase in male full-time employment, up 14,500 persons.

Seasonally adjusted monthly hours worked in all jobs increased 0.3 million hours (less than 0.1%) in December 2015 to 1,645.2 million hours.

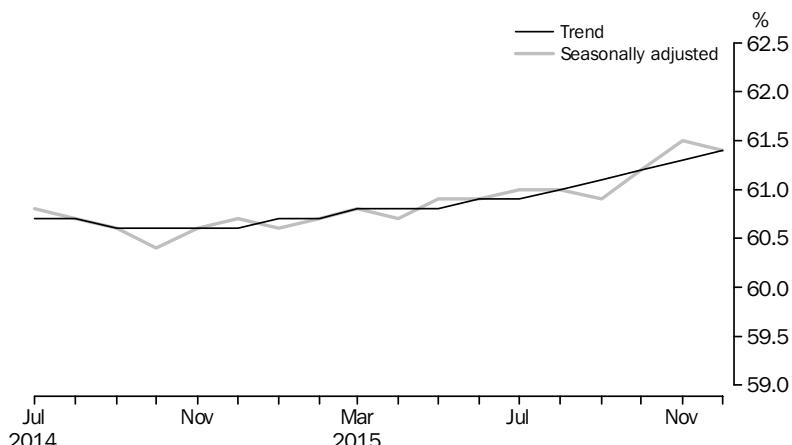
The seasonally adjusted employment to population ratio decreased 0.1 percentage points to 61.4% in December 2015.

LABOUR FORCE COMMENTARY DECEMBER 2015 *continued*

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NATIONAL ESTIMATES *continued*

EMPLOYMENT TO POPULATION RATIO, PERSONS, July 2014 to December 2015



STATE ESTIMATES

Trend employment growth in December was strongest in absolute terms in New South Wales (up 13,400 persons), and also in relative terms (up 0.4%). The largest annual growth rates in trend employment were in New South Wales (4.8%) and Queensland (2.8%).

In seasonally adjusted terms, the largest absolute decreases in employment in December 2015 were in Victoria (down 12,900 persons) and New South Wales (down 5,400 persons). The largest absolute increases in seasonally adjusted employment were in Western Australia (up 8,100 persons) and Queensland (up 6,700 persons).

The trend unemployment rates decreased slightly in four states and territories, changed by less than 0.1 percentage points in three, and increased slightly in Tasmania.

The largest decreases in the seasonally adjusted unemployment rates were in Victoria and Western Australia (both down 0.2 percentage points). The largest increase was in Tasmania (up 0.2 percentage points).

The trend participation rate decreased slightly in Tasmania and the Northern Territory, changed by less than 0.1 percentage points in three states and territories, and increased slightly in three.

In seasonally adjusted terms, the largest decreases in the participation rate were in Tasmania (down 0.8 percentage points) and Victoria (down 0.5 percentage points). These follow reasonably large increases in participation in November, particularly in the case of Victoria. The largest increase in the seasonally adjusted participation rate was in Western Australia (up 0.2 percentage points).

Seasonally adjusted estimates are not published for the territories and the ABS recommends using trend estimates to analyse the underlying behaviour of the series.

LABOUR FORCE COMMENTARY DECEMBER 2015 *continued*

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STATE ESTIMATES *continued*

UNEMPLOYMENT RATE, STATES AND TERRITORIES, November 2015 and December 2015

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	TREND		SEASONALLY ADJUSTED	
	November	December	November	December
	%	%	%	%
New South Wales	5.4	5.2	5.2	5.2
Victoria	6.0	5.9	6.1	5.9
Queensland	6.0	5.9	5.9	5.8
South Australia	7.4	7.3	7.3	7.2
Western Australia	6.4	6.4	6.6	6.3
Tasmania	6.5	6.6	6.6	6.8
Northern Territory	4.2	4.1	np	np
Australian Capital Territory	5.2	5.2	np	np
Australia	5.9	5.8	5.8	5.8

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np not available for publication but included in totals where applicable, unless otherwise indicated

INSIGHTS FROM THE ORIGINAL DATA

The Labour Force Survey sample can be thought of as comprising eight sub-samples (or rotation groups), with each sub-sample remaining in the survey for eight months, and one rotation group "rotating out" each month and being replaced by a new group "rotating in". This replacement sample generally comes from the same geographic areas as the outgoing one, as part of a representative sampling approach. To understand movements in the original estimates, it is important to consider the contributions from the three components of the sample:

- the matched common sample (survey respondents who responded in both November and December),
- the unmatched common sample (respondents in December but who did not respond in November, or vice versa), and
- the incoming rotation group (who replaced respondents who rotated out in November).

Starting with the December 2015 estimates, the ABS has improved the analysis of the relative contribution of the three components of the sample to changes in aggregate employment (in original terms). The improved approach considers the contribution of each component to each month's estimate individually and, by extension, their contribution to the movement between the two months. This approach can be replicated using the previous month weighted estimate and comparing it to the current month weighted estimate, both of which are available in data cube GM1. This improved analysis replaces the approach previously used, which was based on drawing inferences from matched sample data in table 17 and calculating a residual contribution from the unmatched common sample.

Based on this improved analysis:

- 9,598,800 of the 11,919,100 November 2015 estimate of employment was from the December 2015 matched common sample
- 831,500 of the 11,919,100 November 2015 estimate was from the December 2015 unmatched common sample
- 1,488,800 of the 11,919,100 November 2015 estimate was from the November 2015 outgoing rotation group

LABOUR FORCE COMMENTARY DECEMBER 2015 *continued*

INSIGHTS FROM THE ORIGINAL DATA *continued*

- 9,782,000 of the 12,007,500 December 2015 estimate of employment was from the December 2015 matched common sample
- 802,000 of the 12,007,500 December 2015 estimate was from the December 2015 unmatched common sample
- 1,423,600 of the 12,007,500 December 2015 estimate was from the December 2015 incoming rotation group.

This reveals that the 88,400 increase in employment, in original terms, from November 2015 to December 2015 was the result of:

- A positive contribution to employment of 183,200 (that is, 9,782,000 - 9,598,800) from the matched common sample
- A negative contribution to employment of 29,500 (that is, 802,000 - 831,500) from the unmatched common sample
- A negative contribution to employment of 65,300 (that is, 1,423,600 - 1,488,800) from the change in rotation groups.

Had this improved approach been used in previous commentary, the 69,600 increase in employment, in original terms, from October 2015 to November 2015 would have been attributed to:

- A negative contribution to employment of 94,600 from the matched common sample
- A positive contribution to employment of 111,500 from the unmatched common sample
- A positive contribution to employment of 52,700 from the change in rotation groups.

The above data is available in a table upon request, and will be included in future issues.

In considering the three components of the sample, it is important to remember that the matched common sample describes the change observed for the same respondents between November and December, while the other two components reflect differences between the aggregate labour force status of different groups of people.

While the rotation groups are designed to be representative of the population, the outgoing and incoming rotation groups will almost always have somewhat different characteristics, as a result of the groups representing a sample of different households and people. The design of the survey, including the weighting and estimation processes, ensures that these differences are generally relatively minor and seeks to ensure that differences in characteristics of rotation groups do not affect the representativeness of the survey and its estimates.

The rotation group which was new to the sample in December 2015 (the incoming rotation group) displayed a stronger tendency towards both participation and employment than the group it replaced (the outgoing rotation group in November), with a higher participation rate and moderately higher employment to population ratio. The effect on the estimates of the incoming rotation group having an increased tendency towards participation and employment was partially offset by the incoming rotation group also representing a lower share of the population than the group it replaced.

LABOUR FORCE COMMENTARY DECEMBER 2015 *continued*

INSIGHTS FROM THE ORIGINAL DATA *continued*

In looking ahead to the January 2016 estimates, it is important to note that the outgoing rotation group in December 2015, which will be replaced by a new incoming rotation group in January 2016, has a relatively low employment to population ratio (59.7% in December). If the new incoming rotation group has an employment-to-population ratio that is more similar to the average (61.9% for all rotation groups in December 2015), or is relatively higher than the average, there is likely to be some degree of contribution to employment growth from this rotation group change. This will be summarised in the January 2016 issue.

As the gross flows and rotation group data are presented in original terms they are not directly comparable to the seasonally adjusted and trend data discussed elsewhere in the commentary.

WHAT'S NEW IN THE LABOUR FORCE

UPDATE TO LABOUR FORCE SURVEY QUESTIONNAIRE

As mentioned in the October 2015 issue of *Labour Force, Australia*, commencing from the December 2015 Labour Force Survey a minor wording change was made to one question relating to the job search activity undertaken by the respondent during the reference week. This change was necessary as the question previously referred to a superseded Australian Government program, Job Services Australia, which was replaced by the jobactive program from July 2015.

The question wording was updated from:

"At any time in the last 4 weeks [have you/had name] checked or registered with a Job Services Australia provider or any other employment agency?" to

"At any time in the last 4 weeks [have you/had name] checked or registered with an employment agency?".

As the name of employment programs may change in the future, the question now refers to the generic "employment agency" rather than a specific program. The updated question wording is equivalent to the wording used prior to the changed questionnaire introduced in July 2014. A positive response to this question remains an active job search step for the purpose of classifying a respondent as unemployed, and continues to be asked in the same sequence relative to other job search questions.

No discernible impact on the estimate of unemployed persons or the unemployment rate for December 2015 has been identified as a result of this change. Analysis of respondents surveyed in both November and December 2015 and who responded to either the previous or current version of the question wording, or both, was undertaken. This analysis showed that there was no evidence to indicate that changes in response between months was outside historical patterns. However, the ABS will continue to monitor the impact of the revised question wording and response trends for job search questions.

REGULAR UPDATE OF SEASONAL ADJUSTMENT PROCESS IN NEXT ISSUE

Parameters used in the seasonal adjustment process to account for the following variables:

- the placement of public holidays;
- the placement of school holidays; and
- the start date for data collection in January

will be updated in the next issue of *Labour Force, Australia*.

The parameters are reviewed at this time each year to ensure that the correct timing of the holidays and start date for collection are reflected in seasonally adjusted and trend data. These parameters are updated separately to the annual seasonal reanalysis because of their importance for January data, however they will also be considered as part of the broader annual seasonal reanalysis of each series scheduled to occur with the February data. The update to the parameters is not anticipated to result in significant revisions to the seasonally adjusted and trend series.

MINOR REVISION TO UNDEREMPLOYMENT DATA

A revision has been made to the number of underemployed persons which is updated quarterly in pdf tables 20 and 21, updated quarterly in spreadsheet tables 22 and 23, and updated monthly in spreadsheet tables 24 and 25 of this publication. The November 2015 estimate was revised to account for those who are usually full-time employed but

WHAT'S NEW IN THE LABOUR FORCE *continued*

MINOR REVISION TO UNDEREMPLOYMENT DATA *continued*

worked zero hours during the reference week for economic reasons. This group was inadvertently excluded from underemployed persons for the November 2015 reference period only. The inclusion of this group has increased the level of underemployed (and therefore also underutilised) persons by approximately 11,000 in original terms, and had no discernible impact on observed rates of underemployment or underutilisation.

A number of spreadsheet tables containing information on underemployment are included in the detailed quarterly release, *Labour Force, Australia, Detailed, Quarterly* (cat. no. 6291.0.55.003). These spreadsheet tables (19, 23a and 23b) will have the revision to underemployed persons applied with the February issue of this release, to be published in March 2016.

CHANGE TO RELEASE TIMING OF LABOUR FORCE PRODUCTS

The Independent Technical Review (McCarthy Review) into the ABS's Labour Force Survey (LFS) conducted in 2014 presented a number of recommendations including that the ABS consider "whether or not it is necessary to delay publishing LFS data until early in the week following the current timetable on an ongoing basis or at least when changes are being made to the LFS". The ABS has consulted with stakeholders on this issue and the stakeholders almost unanimously supported the proposal to delay by one week the release of *Labour Force, Australia* (cat. no. 6202) and the related detailed monthly (cat. no. 6291.0.55.001) and detailed quarterly (cat. no. 6291.0.55.003) products.

As advised in the September 2015 issue of *Labour Force, Australia*, based on this feedback the ABS will delay the release of these products by one week from the next (January 2016) issue. The delayed release means, for example, that the January 2016 issue of *Labour Force, Australia* will be released on Thursday 18 February instead of Thursday 11 February.

The revised release dates are included in the Forthcoming Releases section of the Notes page of this issue.

The ABS will review the release timing after 12 months to ensure that the requirements of key clients are being met.

	EMPLOYED				UNEMPLOYED				LABOUR FORCE	
	Full-time '000	Part-time '000	Total '000	Employment to population ratio %	Looked for full-time work '000	Total '000	Unemployment rate %	Total '000	Participation rate	
PERSONS										
December 2012	8 025.3	3 387.8	11 413.1	61.6	468.9	649.7	5.4	12 062.7	65.1	
December 2013	7 942.9	3 506.6	11 449.5	60.8	525.1	711.8	5.9	12 161.4	64.6	
2014										
December	8 023.9	3 557.7	11 581.7	60.6	544.9	771.7	6.2	12 353.4	64.6	
2015										
January	8 038.2	3 567.3	11 605.5	60.7	543.8	769.6	6.2	12 375.1	64.7	
February	8 053.8	3 577.1	11 630.9	60.7	540.6	765.4	6.2	12 396.3	64.7	
March	8 069.1	3 586.9	11 656.0	60.8	536.8	761.0	6.1	12 417.0	64.7	
April	8 082.9	3 596.1	11 679.1	60.8	535.3	759.7	6.1	12 438.7	64.8	
May	8 094.6	3 604.9	11 699.5	60.8	537.3	761.6	6.1	12 461.1	64.8	
June	8 105.0	3 615.1	11 720.1	60.9	542.0	765.3	6.1	12 485.4	64.9	
July	8 116.9	3 626.5	11 743.4	60.9	545.9	768.0	6.1	12 511.4	64.9	
August	8 132.3	3 638.7	11 771.1	61.0	546.6	767.3	6.1	12 538.4	65.0	
September	8 151.7	3 651.2	11 802.8	61.1	543.0	761.8	6.1	12 564.7	65.0	
October	8 172.3	3 663.2	11 835.5	61.2	536.0	753.3	6.0	12 588.9	65.1	
November	8 192.6	3 673.8	11 866.4	61.3	528.1	744.2	5.9	12 610.6	65.1	
December	8 210.6	3 683.3	11 893.8	61.4	519.0	734.3	5.8	12 628.2	65.2	
MALES										
December 2012	5 186.1	1 007.9	6 194.0	67.8	281.7	353.5	5.4	6 547.5	71.7	
December 2013	5 118.8	1 073.5	6 192.3	66.8	314.8	387.5	5.9	6 579.8	70.9	
2014										
December	5 184.8	1 082.8	6 267.6	66.6	328.2	415.3	6.2	6 682.9	71.0	
2015										
January	5 193.3	1 087.5	6 280.8	66.6	328.7	416.3	6.2	6 697.1	71.0	
February	5 200.1	1 093.5	6 293.6	66.7	327.1	415.5	6.2	6 709.1	71.1	
March	5 204.2	1 100.4	6 304.6	66.7	324.1	413.2	6.2	6 717.8	71.1	
April	5 205.9	1 107.6	6 313.5	66.7	321.5	411.1	6.1	6 724.7	71.1	
May	5 206.9	1 113.7	6 320.6	66.7	320.6	410.4	6.1	6 731.0	71.1	
June	5 209.0	1 118.2	6 327.2	66.7	321.3	410.7	6.1	6 738.0	71.0	
July	5 212.9	1 121.6	6 334.5	66.7	321.9	411.0	6.1	6 745.5	71.0	
August	5 219.8	1 124.5	6 344.2	66.7	321.3	410.0	6.1	6 754.2	71.1	
September	5 228.8	1 127.2	6 355.9	66.8	318.7	406.7	6.0	6 762.6	71.1	
October	5 237.3	1 130.0	6 367.3	66.8	314.4	401.8	5.9	6 769.2	71.0	
November	5 245.0	1 132.8	6 377.8	66.9	309.6	396.4	5.9	6 774.1	71.0	
December	5 251.8	1 135.1	6 387.0	66.9	304.4	390.7	5.8	6 777.6	71.0	
FEMALES										
December 2012	2 839.1	2 379.9	5 219.1	55.6	187.2	296.2	5.4	5 515.3	58.7	
December 2013	2 824.1	2 433.2	5 257.2	55.0	210.3	324.3	5.8	5 581.6	58.4	
2014										
December	2 839.1	2 475.0	5 314.1	54.8	216.7	356.4	6.3	5 670.5	58.5	
2015										
January	2 844.9	2 479.7	5 324.6	54.8	215.2	353.4	6.2	5 678.0	58.5	
February	2 853.7	2 483.6	5 337.3	54.9	213.5	349.9	6.2	5 687.2	58.5	
March	2 864.9	2 486.4	5 351.3	55.0	212.7	347.8	6.1	5 699.2	58.6	
April	2 877.1	2 488.5	5 365.5	55.1	213.8	348.5	6.1	5 714.1	58.6	
May	2 887.6	2 491.3	5 378.9	55.1	216.8	351.2	6.1	5 730.1	58.7	
June	2 896.0	2 496.9	5 392.9	55.2	220.7	354.5	6.2	5 747.4	58.9	
July	2 903.9	2 504.9	5 408.9	55.3	224.0	357.1	6.2	5 765.9	59.0	
August	2 912.5	2 514.3	5 426.8	55.4	225.3	357.3	6.2	5 784.2	59.1	
September	2 922.9	2 524.0	5 446.9	55.6	224.2	355.1	6.1	5 802.0	59.2	
October	2 935.0	2 533.2	5 468.2	55.7	221.6	351.5	6.0	5 819.7	59.3	
November	2 947.6	2 541.0	5 488.6	55.9	218.6	347.9	6.0	5 836.4	59.4	
December	2 958.7	2 548.1	5 506.9	56.0	214.6	343.7	5.9	5 850.5	59.5	

	EMPLOYED				UNEMPLOYED			LABOUR FORCE	
	Full-time '000	Part-time '000	Total '000	Employment to population ratio %	Looked for full-time work '000	Total '000	Unemployment rate %	Total '000	Participation rate %
								'000	%
PERSONS									
December 2012	8 017.2	3 385.3	11 402.5	61.6	471.9	652.8	5.4	12 055.3	65.1
December 2013	7 921.0	3 504.7	11 425.7	60.7	527.1	715.4	5.9	12 141.1	64.5
2014									
December	8 041.5	3 559.5	11 601.0	60.7	545.3	754.8	6.1	12 355.7	64.7
2015									
January	8 015.7	3 573.1	11 588.8	60.6	546.5	787.3	6.4	12 376.1	64.7
February	8 058.3	3 576.9	11 635.2	60.7	543.8	765.6	6.2	12 400.8	64.7
March	8 095.2	3 579.8	11 675.0	60.8	540.3	758.3	6.1	12 433.4	64.8
April	8 070.2	3 592.6	11 662.7	60.7	538.6	765.7	6.2	12 428.4	64.7
May	8 087.5	3 622.5	11 710.0	60.9	511.0	739.5	5.9	12 449.5	64.8
June	8 109.4	3 602.3	11 711.7	60.9	537.9	752.7	6.0	12 464.4	64.8
July	8 123.1	3 629.1	11 752.2	61.0	560.7	792.7	6.3	12 544.9	65.1
August	8 137.4	3 636.5	11 773.8	61.0	558.1	776.1	6.2	12 549.9	65.0
September	8 127.3	3 646.0	11 773.3	60.9	554.7	770.8	6.1	12 544.1	64.9
October	8 163.9	3 664.5	11 828.3	61.2	525.6	741.1	5.9	12 569.5	65.0
November	8 211.2	3 692.1	11 903.3	61.5	517.5	738.4	5.8	12 641.7	65.3
December	8 228.7	3 673.6	11 902.3	61.4	515.0	727.5	5.8	12 629.8	65.1
MALES									
December 2012	5 188.6	1 009.8	6 198.4	67.9	282.8	354.4	5.4	6 552.8	71.8
December 2013	5 109.2	1 068.9	6 178.1	66.6	323.3	399.1	6.1	6 577.3	70.9
2014									
December	5 196.9	1 073.2	6 270.1	66.6	326.6	402.1	6.0	6 672.2	70.9
2015									
January	5 170.8	1 090.8	6 261.6	66.4	330.4	427.5	6.4	6 689.2	71.0
February	5 203.9	1 094.0	6 297.9	66.7	329.4	416.1	6.2	6 714.0	71.1
March	5 236.3	1 094.1	6 330.4	67.0	325.1	410.4	6.1	6 740.8	71.3
April	5 186.8	1 117.9	6 304.7	66.6	322.5	415.4	6.2	6 720.1	71.0
May	5 202.6	1 114.8	6 317.4	66.7	311.6	403.3	6.0	6 720.8	71.0
June	5 208.0	1 108.3	6 316.3	66.6	318.7	405.9	6.0	6 722.2	70.9
July	5 213.6	1 128.4	6 342.0	66.8	323.1	412.2	6.1	6 754.3	71.1
August	5 224.4	1 127.8	6 352.2	66.8	324.7	412.5	6.1	6 764.7	71.2
September	5 216.1	1 125.6	6 341.7	66.6	332.4	421.0	6.2	6 762.7	71.0
October	5 245.8	1 120.2	6 366.1	66.8	310.3	398.8	5.9	6 764.8	71.0
November	5 243.7	1 142.3	6 386.0	66.9	300.0	387.8	5.7	6 773.8	71.0
December	5 258.3	1 133.9	6 392.2	66.9	301.7	385.4	5.7	6 777.6	71.0
FEMALES									
December 2012	2 828.6	2 375.5	5 204.1	55.4	189.1	298.5	5.4	5 502.6	58.6
December 2013	2 811.8	2 435.8	5 247.6	54.9	203.8	316.3	5.7	5 563.9	58.2
2014									
December	2 844.6	2 486.3	5 330.9	55.0	218.6	352.7	6.2	5 683.6	58.6
2015									
January	2 844.9	2 482.3	5 327.2	54.9	216.1	359.8	6.3	5 687.0	58.6
February	2 854.4	2 483.0	5 337.3	54.9	214.4	349.4	6.1	5 686.7	58.5
March	2 859.0	2 485.7	5 344.7	54.9	215.2	347.9	6.1	5 692.6	58.5
April	2 883.4	2 474.6	5 358.0	55.0	216.1	350.3	6.1	5 708.3	58.6
May	2 884.8	2 507.7	5 392.6	55.3	199.4	336.2	5.9	5 728.8	58.7
June	2 901.4	2 494.0	5 395.3	55.3	219.2	346.8	6.0	5 742.2	58.8
July	2 909.5	2 500.7	5 410.1	55.3	237.6	380.5	6.6	5 790.6	59.2
August	2 913.0	2 508.7	5 421.6	55.4	233.4	363.6	6.3	5 785.2	59.1
September	2 911.2	2 520.4	5 431.6	55.4	222.2	349.8	6.1	5 781.4	59.0
October	2 918.0	2 544.2	5 462.3	55.7	215.3	342.4	5.9	5 804.6	59.2
November	2 967.5	2 549.8	5 517.3	56.2	217.5	350.6	6.0	5 867.9	59.7
December	2 970.5	2 539.6	5 510.1	56.0	213.3	342.0	5.8	5 852.2	59.5

	EMPLOYED				UNEMPLOYED				LABOUR FORCE			
	Full-time '000	Part-time '000	Total '000	Employment to population ratio %	Looked for full- time work '000	Unemp- loyment rate %	Total '000	Partici- pation rate %	Total '000	Not in the labour force '000	Civilian popula- tion aged 15 and over '000	
PERSONS												
December 2012	8 130.2	3 386.2	11 516.4	62.2	459.3	637.1	5.2	12 153.5	65.6	6 371.1	18 524.5	
December 2013	8 028.9	3 502.3	11 531.2	61.3	510.1	693.8	5.7	12 225.0	64.9	6 597.8	18 822.8	
2014												
December	8 149.4	3 554.2	11 703.6	61.3	528.8	731.3	5.9	12 435.0	65.1	6 670.6	19 105.6	
2015												
January	8 001.1	3 453.3	11 454.5	59.9	592.8	835.6	6.8	12 290.1	64.2	6 843.5	19 133.6	
February	8 147.9	3 562.3	11 710.2	61.1	581.9	836.3	6.7	12 546.5	65.5	6 615.0	19 161.5	
March	8 071.7	3 612.9	11 684.6	60.9	557.3	807.9	6.5	12 492.5	65.1	6 697.0	19 189.5	
April	8 050.9	3 643.4	11 694.3	60.9	532.0	764.1	6.1	12 458.5	64.9	6 749.5	19 208.0	
May	8 102.9	3 661.3	11 764.2	61.2	504.0	729.7	5.8	12 493.9	65.0	6 732.5	19 226.4	
June	8 078.5	3 656.6	11 735.1	61.0	532.5	729.2	5.8	12 464.3	64.8	6 780.6	19 244.9	
July	8 141.8	3 602.0	11 743.8	60.9	556.6	770.0	6.2	12 513.8	64.9	6 755.9	19 269.7	
August	8 047.1	3 639.2	11 686.3	60.6	541.4	760.6	6.1	12 446.9	64.5	6 847.7	19 294.6	
September	8 104.2	3 652.8	11 756.9	60.9	536.9	752.9	6.0	12 509.8	64.8	6 809.7	19 319.4	
October	8 137.9	3 711.6	11 849.5	61.3	507.9	714.7	5.7	12 564.2	65.0	6 777.5	19 341.7	
November	8 215.9	3 703.2	11 919.1	61.6	487.4	689.0	5.5	12 608.1	65.1	6 756.0	19 364.1	
December	8 341.3	3 666.3	12 007.5	61.9	497.9	703.4	5.5	12 710.9	65.6	6 675.5	19 386.4	
MALES												
December 2012	5 257.2	1 005.6	6 262.8	68.6	270.5	344.6	5.2	6 607.4	72.4	2 525.1	9 132.5	
December 2013	5 176.4	1 060.6	6 237.0	67.3	307.7	386.2	5.8	6 623.2	71.4	2 647.1	9 270.3	
2014												
December	5 265.4	1 061.5	6 326.8	67.2	312.9	391.0	5.8	6 717.9	71.4	2 694.1	9 412.0	
2015												
January	5 164.1	1 050.9	6 215.0	65.9	357.5	460.0	6.9	6 675.1	70.8	2 750.8	9 425.9	
February	5 257.6	1 083.5	6 341.1	67.2	347.4	445.2	6.6	6 786.3	71.9	2 653.5	9 439.8	
March	5 229.5	1 102.7	6 332.2	67.0	332.7	428.0	6.3	6 760.2	71.5	2 693.5	9 453.7	
April	5 184.3	1 142.4	6 326.7	66.9	315.0	407.3	6.0	6 734.0	71.2	2 728.8	9 462.9	
May	5 207.9	1 142.4	6 350.3	67.0	301.7	389.6	5.8	6 739.9	71.2	2 732.1	9 472.1	
June	5 183.0	1 141.4	6 324.5	66.7	314.6	393.3	5.9	6 717.8	70.9	2 763.5	9 481.3	
July	5 219.8	1 113.5	6 333.2	66.7	322.8	405.4	6.0	6 738.7	71.0	2 755.1	9 493.8	
August	5 176.5	1 109.8	6 286.3	66.1	335.9	417.7	6.2	6 704.0	70.5	2 802.3	9 506.3	
September	5 191.1	1 131.8	6 322.9	66.4	323.7	415.7	6.2	6 738.7	70.8	2 780.2	9 518.8	
October	5 233.7	1 135.7	6 369.3	66.8	305.9	390.4	5.8	6 759.7	70.9	2 770.0	9 529.8	
November	5 252.1	1 134.0	6 386.1	66.9	286.5	366.8	5.4	6 752.8	70.8	2 787.8	9 540.7	
December	5 328.4	1 119.2	6 447.6	67.5	289.2	376.0	5.5	6 823.6	71.4	2 728.0	9 551.6	
FEMALES												
December 2012	2 873.0	2 380.6	5 253.6	55.9	188.8	292.5	5.3	5 546.1	59.1	3 846.0	9 392.0	
December 2013	2 852.5	2 441.7	5 294.2	55.4	202.4	307.6	5.5	5 601.8	58.6	3 950.7	9 552.5	
2014												
December	2 884.1	2 492.7	5 376.8	55.5	215.9	340.3	6.0	5 717.1	59.0	3 976.5	9 693.6	
2015												
January	2 837.0	2 402.4	5 239.4	54.0	235.2	375.5	6.7	5 615.0	57.8	4 092.7	9 707.7	
February	2 890.3	2 478.8	5 369.1	55.2	234.4	391.1	6.8	5 760.2	59.3	3 961.6	9 721.7	
March	2 842.2	2 510.2	5 352.4	55.0	224.5	379.9	6.6	5 732.3	58.9	4 003.5	9 735.8	
April	2 866.6	2 501.0	5 367.6	55.1	217.0	356.8	6.2	5 724.4	58.7	4 020.6	9 745.1	
May	2 894.9	2 518.9	5 413.9	55.5	202.3	340.1	5.9	5 753.9	59.0	4 000.4	9 754.3	
June	2 895.4	2 515.2	5 410.6	55.4	218.0	335.9	5.8	5 746.5	58.9	4 017.1	9 763.6	
July	2 922.0	2 488.5	5 410.6	55.3	233.8	364.6	6.3	5 775.2	59.1	4 000.8	9 775.9	
August	2 870.6	2 529.4	5 400.0	55.2	205.6	342.9	6.0	5 742.9	58.7	4 045.4	9 788.3	
September	2 913.1	2 520.9	5 434.0	55.4	213.2	337.1	5.8	5 771.1	58.9	4 029.5	9 800.6	
October	2 904.3	2 575.9	5 480.2	55.9	202.0	324.3	5.6	5 804.5	59.2	4 007.5	9 812.0	
November	2 963.9	2 569.2	5 533.0	56.3	200.9	322.2	5.5	5 855.3	59.6	3 968.1	9 823.4	
December	3 012.9	2 547.0	5 559.9	56.5	208.7	327.4	5.6	5 887.3	59.9	3 947.4	9 834.8	

	EMPLOYED		Employment to population ratio	UNEMPLOYED		LABOUR FORCE	
	Full-time	Total		Total	Unemployment rate	Labour force	Participation rate
	'000	'000		'000	%	'000	%
TREND							
New South Wales	2 686.6	3 798.6	61.1	209.3	5.2	4 007.9	64.5
Victoria	1 991.8	2 976.5	60.9	187.7	5.9	3 164.1	64.7
Queensland	1 652.2	2 375.0	61.8	149.3	5.9	2 524.4	65.7
South Australia	524.2	808.0	57.7	63.2	7.3	871.2	62.2
Western Australia	941.1	1 353.4	64.3	93.1	6.4	1 446.6	68.8
Tasmania	154.7	239.7	56.6	17.0	6.6	256.7	60.7
Northern Territory	106.8	132.7	71.3	5.6	4.1	138.3	74.3
Australian Capital Territory	154.2	211.2	67.3	11.5	5.2	222.7	70.9
Australia	8 210.6	11 893.8	61.4	734.3	5.8	12 628.2	65.2
SEASONALLY ADJUSTED							
New South Wales	2 694.2	3 801.3	61.1	206.5	5.2	4 007.8	64.4
Victoria	2 003.1	2 972.7	60.8	187.8	5.9	3 160.5	64.6
Queensland	1 656.3	2 378.2	61.8	147.0	5.8	2 525.2	65.7
South Australia	524.5	809.4	57.7	62.5	7.2	871.9	62.2
Western Australia	938.2	1 356.3	64.5	91.9	6.3	1 448.2	68.8
Tasmania	153.4	237.5	56.1	17.4	6.8	254.9	60.2
Australia	8 228.7	11 902.3	61.4	727.5	5.8	12 629.8	65.1
ORIGINAL							
New South Wales	2 719.0	3 831.6	61.6	198.7	4.9	4 030.3	64.8
Victoria	2 043.1	2 996.9	61.3	182.5	5.7	3 179.5	65.0
Queensland	1 673.5	2 401.4	62.4	141.5	5.6	2 542.9	66.1
South Australia	533.3	817.5	58.3	60.6	6.9	878.0	62.6
Western Australia	951.5	1 370.4	65.1	87.3	6.0	1 457.7	69.3
Tasmania	155.9	239.6	56.6	17.5	6.8	257.1	60.8
Northern Territory	108.0	135.0	72.6	4.7	3.3	139.6	75.1
Australian Capital Territory	156.8	215.1	68.5	10.6	4.7	225.8	71.9
Australia	8 341.3	12 007.5	61.9	703.4	5.5	12 710.9	65.6

	EMPLOYED FULL-TIME		EMPLOYED TOTAL		UNEMPLOYED TOTAL		UNEMPLOYMENT RATE		PARTICIPATION RATE		CIVILIAN POPULATION AGED 15 YEARS AND OVER
	Trend	Seasonally adjusted	Trend	Seasonally adjusted	Trend	Seasonally adjusted	Trend	Seasonally adjusted	Trend	Seasonally adjusted	Original
	'000	'000	'000	'000	'000	'000	%	%	%	%	'000
PERSONS											
December 2012	2 534.3	2 531.4	3 577.2	3 575.6	192.4	191.7	5.1	5.1	63.3	63.3	5 950.2
December 2013	2 486.5	2 483.6	3 583.9	3 575.0	218.4	222.5	5.7	5.9	63.0	62.9	6 035.6
2014											
December	2 525.0	2 536.6	3 625.0	3 632.5	234.8	230.1	6.1	6.0	63.0	63.0	6 128.1
2015											
January	2 529.5	2 508.6	3 629.3	3 614.3	236.2	242.0	6.1	6.3	63.0	62.8	6 137.4
February	2 538.7	2 548.8	3 637.3	3 629.0	235.7	240.4	6.1	6.2	63.0	63.0	6 146.6
March	2 552.2	2 561.2	3 649.9	3 655.9	233.8	230.7	6.0	5.9	63.1	63.1	6 155.9
April	2 568.5	2 553.4	3 666.4	3 668.0	231.9	231.9	6.0	5.9	63.3	63.3	6 161.5
May	2 585.5	2 580.3	3 684.2	3 685.7	231.0	225.0	5.9	5.8	63.5	63.4	6 167.1
June	2 602.0	2 613.3	3 701.7	3 698.6	230.9	227.4	5.9	5.8	63.7	63.6	6 172.7
July	2 617.5	2 629.2	3 718.4	3 726.6	230.4	233.8	5.8	5.9	63.9	64.1	6 180.7
August	2 632.4	2 635.5	3 734.9	3 738.1	228.6	235.3	5.8	5.9	64.0	64.2	6 188.6
September	2 647.2	2 622.0	3 752.1	3 739.8	224.8	228.7	5.7	5.8	64.2	64.0	6 196.6
October	2 661.7	2 663.7	3 769.3	3 759.3	219.7	218.2	5.5	5.5	64.3	64.1	6 204.7
November	2 675.3	2 688.3	3 785.2	3 806.6	214.5	207.7	5.4	5.2	64.4	64.6	6 212.8
December	2 686.6	2 694.2	3 798.6	3 801.3	209.3	206.5	5.2	5.2	64.5	64.4	6 220.8
MALES											
December 2012	1 626.1	1 626.4	1 945.0	1 948.4	106.4	101.8	5.2	5.0	70.2	70.2	2 922.4
December 2013	1 580.5	1 577.1	1 937.1	1 931.1	116.6	122.5	5.7	6.0	69.3	69.3	2 961.5
2014											
December	1 632.0	1 647.2	1 966.0	1 974.6	125.3	121.1	6.0	5.8	69.5	69.7	3 008.0
2015											
January	1 631.8	1 610.9	1 968.3	1 956.4	126.8	133.6	6.1	6.4	69.5	69.4	3 012.8
February	1 632.9	1 636.1	1 973.1	1 964.3	126.1	127.5	6.0	6.1	69.6	69.3	3 017.5
March	1 635.8	1 645.3	1 980.3	1 984.1	123.5	123.7	5.9	5.9	69.6	69.7	3 022.2
April	1 640.3	1 628.6	1 988.7	1 993.4	120.2	119.6	5.7	5.7	69.7	69.9	3 025.0
May	1 645.6	1 644.5	1 996.7	2 000.0	117.4	113.6	5.6	5.4	69.8	69.8	3 027.8
June	1 651.2	1 655.8	2 003.4	2 002.4	115.8	113.3	5.5	5.4	69.9	69.8	3 030.7
July	1 656.2	1 663.9	2 008.2	2 007.7	114.9	114.4	5.4	5.4	70.0	69.9	3 034.8
August	1 660.8	1 666.1	2 011.9	2 015.9	114.3	117.6	5.4	5.5	70.0	70.2	3 038.9
September	1 665.8	1 641.3	2 016.0	2 007.4	113.1	116.3	5.3	5.5	70.0	69.8	3 043.0
October	1 670.7	1 681.1	2 020.4	2 021.7	111.3	112.8	5.2	5.3	70.0	70.1	3 047.0
November	1 675.3	1 680.9	2 024.4	2 030.2	109.3	102.6	5.1	4.8	69.9	69.9	3 051.0
December	1 679.2	1 680.7	2 027.8	2 027.0	107.2	107.3	5.0	5.0	69.9	69.9	3 055.0
FEMALES											
December 2012	908.2	905.0	1 632.1	1 627.2	86.0	89.9	5.0	5.2	56.7	56.7	3 027.7
December 2013	906.0	906.5	1 646.9	1 643.9	101.8	99.9	5.8	5.7	56.9	56.7	3 074.1
2014											
December	893.0	889.4	1 659.0	1 657.9	109.5	109.0	6.2	6.2	56.7	56.6	3 120.1
2015											
January	897.6	897.6	1 661.0	1 657.8	109.5	108.4	6.2	6.1	56.7	56.5	3 124.6
February	905.8	912.7	1 664.2	1 664.7	109.6	112.8	6.2	6.3	56.7	56.8	3 129.2
March	916.4	915.9	1 669.7	1 671.8	110.3	107.0	6.2	6.0	56.8	56.8	3 133.8
April	928.2	924.8	1 677.7	1 674.5	111.8	112.3	6.2	6.3	57.1	57.0	3 136.5
May	939.9	935.8	1 687.5	1 685.7	113.6	111.3	6.3	6.2	57.4	57.2	3 139.3
June	950.8	957.5	1 698.3	1 696.2	115.1	114.0	6.3	6.3	57.7	57.6	3 142.0
July	961.3	965.3	1 710.2	1 718.9	115.5	119.3	6.3	6.5	58.0	58.4	3 145.9
August	971.5	969.4	1 722.9	1 722.2	114.3	117.7	6.2	6.4	58.3	58.4	3 149.7
September	981.4	980.7	1 736.1	1 732.4	111.7	112.4	6.0	6.1	58.6	58.5	3 153.6
October	991.0	982.6	1 748.9	1 737.6	108.5	105.4	5.8	5.7	58.8	58.4	3 157.7
November	1 000.0	1 007.4	1 760.8	1 776.4	105.2	105.1	5.6	5.6	59.0	59.5	3 161.8
December	1 007.3	1 013.5	1 770.8	1 774.3	102.0	99.2	5.4	5.3	59.2	59.2	3 165.8

	EMPLOYED		EMPLOYED TOTAL		UNEMPLOYED		UNEMPLOYMENT RATE		PARTICIPATION RATE		CIVILIAN POPULATION AGED 15 YEARS AND OVER
	FULL-TIME	FULL-TIME	TREND	SEASONALLY ADJUSTED	TREND	SEASONALLY ADJUSTED	TREND	SEASONALLY ADJUSTED	TREND	SEASONALLY ADJUSTED	ORIGINAL
	'000	'000	'000	'000	'000	'000	%	%	%	%	'000
PERSONS											
December 2012	1 943.4	1 946.4	2 835.5	2 845.8	169.2	171.8	5.6	5.7	64.8	65.1	4 633.7
December 2013	1 944.5	1 931.7	2 855.7	2 850.1	189.8	190.6	6.2	6.3	64.5	64.5	4 717.5
2014											
December	1 962.1	1 963.8	2 915.8	2 928.1	202.6	200.6	6.5	6.4	64.9	65.1	4 802.6
2015											
January	1 964.8	1 963.1	2 927.5	2 924.9	198.3	203.8	6.3	6.5	65.0	65.0	4 811.4
February	1 966.6	1 967.4	2 937.4	2 940.1	194.7	186.8	6.2	6.0	65.0	64.9	4 820.3
March	1 967.5	1 975.8	2 943.9	2 950.2	192.2	194.2	6.1	6.2	65.0	65.1	4 829.2
April	1 967.3	1 967.0	2 946.4	2 943.6	191.4	193.3	6.1	6.2	64.9	64.9	4 835.2
May	1 966.0	1 959.9	2 945.8	2 947.6	191.6	187.6	6.1	6.0	64.8	64.8	4 841.1
June	1 964.5	1 958.1	2 944.9	2 941.9	192.1	188.2	6.1	6.0	64.7	64.6	4 847.1
July	1 964.5	1 980.5	2 946.0	2 950.1	192.4	202.3	6.1	6.4	64.6	64.9	4 854.7
August	1 967.2	1 961.8	2 949.8	2 944.1	191.8	189.7	6.1	6.1	64.6	64.5	4 862.2
September	1 972.2	1 961.0	2 956.0	2 942.3	190.8	196.8	6.1	6.3	64.6	64.5	4 869.8
October	1 978.5	1 975.6	2 963.1	2 968.7	189.6	175.7	6.0	5.6	64.7	64.5	4 876.6
November	1 985.3	1 990.5	2 970.1	2 985.6	188.6	195.2	6.0	6.1	64.7	65.1	4 883.4
December	1 991.8	2 003.1	2 976.5	2 972.7	187.7	187.8	5.9	5.9	64.7	64.6	4 890.2
MALES											
December 2012	1 264.1	1 267.4	1 531.7	1 538.2	88.4	89.8	5.5	5.5	71.3	71.7	2 270.9
December 2013	1 262.7	1 259.4	1 534.7	1 531.8	101.3	102.3	6.2	6.3	70.8	70.7	2 310.1
2014											
December	1 269.2	1 270.9	1 573.2	1 569.3	108.4	105.8	6.4	6.3	71.5	71.2	2 352.7
2015											
January	1 274.9	1 276.1	1 580.2	1 579.1	106.2	110.0	6.3	6.5	71.5	71.7	2 357.0
February	1 279.8	1 281.1	1 586.7	1 589.7	103.9	101.3	6.1	6.0	71.6	71.6	2 361.4
March	1 283.6	1 288.9	1 591.8	1 601.8	101.0	101.4	6.0	6.0	71.6	72.0	2 365.8
April	1 285.8	1 283.4	1 594.8	1 588.0	98.3	101.2	5.8	6.0	71.5	71.3	2 368.7
May	1 286.7	1 283.4	1 596.0	1 594.7	96.1	94.7	5.7	5.6	71.3	71.2	2 371.7
June	1 286.9	1 283.4	1 596.2	1 594.4	94.9	93.0	5.6	5.5	71.2	71.1	2 374.6
July	1 287.5	1 298.4	1 596.4	1 602.8	95.0	94.0	5.6	5.5	71.1	71.3	2 378.5
August	1 289.1	1 286.9	1 597.8	1 598.2	96.0	91.8	5.7	5.4	71.1	70.9	2 382.3
September	1 291.7	1 282.1	1 600.4	1 589.6	97.3	106.3	5.7	6.3	71.2	71.1	2 386.1
October	1 295.1	1 296.1	1 603.4	1 605.9	98.5	93.1	5.8	5.5	71.2	71.1	2 389.5
November	1 298.8	1 299.1	1 606.7	1 607.6	99.4	103.4	5.8	6.0	71.3	71.5	2 392.9
December	1 302.3	1 310.3	1 609.9	1 615.9	100.0	97.2	5.8	5.7	71.4	71.5	2 396.3
FEMALES											
December 2012	679.3	679.1	1 303.8	1 307.6	80.8	82.1	5.8	5.9	58.6	58.8	2 362.8
December 2013	681.8	672.3	1 321.0	1 318.4	88.5	88.3	6.3	6.3	58.5	58.4	2 407.4
2014											
December	692.9	692.9	1 342.6	1 358.7	94.2	94.8	6.6	6.5	58.6	59.3	2 449.9
2015											
January	689.9	687.0	1 347.3	1 345.8	92.1	93.8	6.4	6.5	58.6	58.7	2 454.4
February	686.8	686.2	1 350.7	1 350.3	90.9	85.5	6.3	6.0	58.6	58.4	2 458.9
March	684.0	686.8	1 352.2	1 348.4	91.1	92.8	6.3	6.4	58.6	58.5	2 463.4
April	681.5	683.6	1 351.6	1 355.6	93.0	92.1	6.4	6.4	58.6	58.7	2 466.4
May	679.3	676.5	1 349.8	1 352.9	95.5	92.8	6.6	6.4	58.5	58.5	2 469.4
June	677.6	674.7	1 348.8	1 347.5	97.2	95.1	6.7	6.6	58.5	58.3	2 472.5
July	677.1	682.0	1 349.6	1 347.4	97.4	108.4	6.7	7.4	58.4	58.8	2 476.2
August	678.1	675.0	1 352.0	1 345.9	95.8	98.0	6.6	6.8	58.4	58.2	2 479.9
September	680.5	678.9	1 355.6	1 352.7	93.5	90.5	6.5	6.3	58.3	58.1	2 483.7
October	683.4	679.5	1 359.7	1 362.8	91.2	82.7	6.3	5.7	58.3	58.1	2 487.1
November	686.6	691.4	1 363.4	1 378.0	89.3	91.8	6.1	6.2	58.3	59.0	2 490.5
December	689.5	692.9	1 366.5	1 356.8	87.7	90.6	6.0	6.3	58.3	58.0	2 494.0

	EMPLOYED		EMPLOYED TOTAL		UNEMPLOYED		UNEMPLOYMENT RATE		PARTICIPATION RATE		CIVILIAN POPULATION AGED 15 YEARS AND OVER
	FULL-TIME	FULL-TIME	TREND	SEASONALLY ADJUSTED	TREND	SEASONALLY ADJUSTED	TREND	SEASONALLY ADJUSTED	TREND	SEASONALLY ADJUSTED	ORIGINAL
	'000	'000	'000	'000	'000	'000	%	%	%	%	'000
PERSONS											
December 2012	1 641.8	1 634.5	2 288.3	2 274.1	144.2	148.0	5.9	6.1	66.2	65.9	3 676.4
December 2013	1 627.5	1 627.0	2 308.8	2 302.8	145.4	147.5	5.9	6.0	65.6	65.6	3 737.6
2014											
December	1 623.4	1 640.4	2 311.0	2 321.6	163.3	153.6	6.6	6.2	65.2	65.3	3 792.9
2015											
January	1 630.1	1 623.9	2 314.6	2 316.0	162.8	161.2	6.6	6.5	65.2	65.2	3 797.6
February	1 637.3	1 634.8	2 319.3	2 326.7	162.1	164.4	6.5	6.6	65.3	65.5	3 802.3
March	1 643.3	1 639.5	2 323.9	2 314.8	161.4	162.8	6.5	6.6	65.3	65.1	3 807.0
April	1 646.8	1 649.7	2 328.0	2 321.9	160.7	165.6	6.5	6.7	65.3	65.3	3 810.8
May	1 647.6	1 658.5	2 332.0	2 341.7	160.1	157.6	6.4	6.3	65.3	65.5	3 814.6
June	1 646.0	1 653.3	2 336.7	2 340.4	159.2	151.6	6.4	6.1	65.4	65.3	3 818.4
July	1 643.7	1 629.4	2 342.4	2 336.8	158.1	161.4	6.3	6.5	65.4	65.3	3 823.6
August	1 642.1	1 638.7	2 348.7	2 347.1	157.0	160.2	6.3	6.4	65.4	65.5	3 828.7
September	1 642.7	1 642.7	2 355.3	2 352.5	155.5	156.3	6.2	6.2	65.5	65.4	3 833.8
October	1 645.2	1 642.7	2 362.3	2 364.8	153.5	154.3	6.1	6.1	65.6	65.6	3 837.9
November	1 648.4	1 654.1	2 368.8	2 371.5	151.4	148.6	6.0	5.9	65.6	65.6	3 841.9
December	1 652.2	1 656.3	2 375.0	2 378.2	149.3	147.0	5.9	5.8	65.7	65.7	3 846.0
MALES											
December 2012	1 052.2	1 052.7	1 236.1	1 236.7	80.3	81.3	6.1	6.2	72.6	72.7	1 813.8
December 2013	1 040.4	1 039.3	1 235.6	1 228.9	79.6	82.8	6.1	6.3	71.4	71.3	1 840.7
2014											
December	1 026.6	1 029.0	1 232.3	1 235.6	88.3	82.4	6.7	6.3	70.7	70.6	1 868.1
2015											
January	1 029.2	1 019.0	1 233.7	1 230.3	89.3	90.3	6.8	6.8	70.7	70.6	1 870.3
February	1 032.6	1 032.9	1 235.1	1 238.7	90.4	93.2	6.8	7.0	70.8	71.1	1 872.5
March	1 035.4	1 041.3	1 236.3	1 236.8	91.3	89.9	6.9	6.8	70.8	70.8	1 874.8
April	1 037.1	1 035.3	1 237.3	1 235.6	92.1	92.5	6.9	7.0	70.9	70.8	1 876.6
May	1 037.4	1 048.1	1 238.6	1 242.0	92.9	92.1	7.0	6.9	70.9	71.0	1 878.4
June	1 036.9	1 035.7	1 240.2	1 237.1	93.1	92.4	7.0	7.0	70.9	70.7	1 880.2
July	1 036.4	1 022.6	1 242.9	1 239.8	92.5	93.3	6.9	7.0	70.9	70.8	1 882.7
August	1 037.2	1 037.5	1 246.4	1 248.9	91.1	93.3	6.8	7.0	70.9	71.2	1 885.3
September	1 039.5	1 045.9	1 250.4	1 250.7	88.9	89.2	6.6	6.7	71.0	71.0	1 887.8
October	1 042.3	1 040.8	1 254.4	1 253.4	86.2	87.4	6.4	6.5	70.9	71.0	1 889.7
November	1 045.0	1 045.7	1 258.0	1 259.1	83.5	80.8	6.2	6.0	70.9	70.8	1 891.6
December	1 048.0	1 048.8	1 261.3	1 262.8	81.0	78.9	6.0	5.9	70.9	70.9	1 893.5
FEMALES											
December 2012	589.6	581.8	1 052.2	1 037.4	63.9	66.8	5.7	6.0	59.9	59.3	1 862.5
December 2013	587.2	587.6	1 073.1	1 073.9	65.8	64.7	5.8	5.7	60.0	60.0	1 896.9
2014											
December	596.8	611.4	1 078.7	1 086.0	75.0	71.2	6.5	6.2	59.9	60.1	1 924.8
2015											
January	600.9	604.9	1 080.9	1 085.7	73.4	70.9	6.4	6.1	59.9	60.0	1 927.3
February	604.7	602.0	1 084.1	1 088.0	71.7	71.2	6.2	6.1	59.9	60.1	1 929.8
March	607.8	598.2	1 087.6	1 078.0	70.1	72.9	6.1	6.3	59.9	59.6	1 932.2
April	609.8	614.5	1 090.7	1 086.3	68.6	73.1	5.9	6.3	59.9	59.9	1 934.2
May	610.2	610.4	1 093.5	1 099.6	67.3	65.5	5.8	5.6	59.9	60.2	1 936.3
June	609.1	617.6	1 096.5	1 103.3	66.1	59.2	5.7	5.1	60.0	60.0	1 938.3
July	607.3	606.8	1 099.5	1 097.0	65.6	68.1	5.6	5.8	60.0	60.0	1 940.8
August	604.9	601.2	1 102.3	1 098.3	65.8	66.8	5.6	5.7	60.1	60.0	1 943.4
September	603.2	596.8	1 104.9	1 101.8	66.6	67.1	5.7	5.7	60.2	60.1	1 946.0
October	602.9	601.9	1 107.9	1 111.5	67.3	66.9	5.7	5.7	60.3	60.5	1 948.1
November	603.4	608.3	1 110.9	1 112.4	67.9	67.7	5.8	5.7	60.4	60.5	1 950.3
December	604.2	607.4	1 113.7	1 115.4	68.3	68.0	5.8	5.7	60.6	60.6	1 952.4

										CIVILIAN POPULATION
	EMPLOYED FULL-TIME		EMPLOYED TOTAL		UNEMPLOYED TOTAL		UNEMPLOYMENT RATE		PARTICIPATION RATE	AGED 15 YEARS AND OVER
	Trend	Seasonally adjusted	Trend	Seasonally adjusted	Trend	Seasonally adjusted	Trend	Seasonally adjusted	Trend	Seasonally adjusted
	'000	'000	'000	'000	'000	'000	%	%	%	'000
PERSONS										
December 2012	537.1	538.4	810.6	813.8	49.8	50.5	5.8	5.8	63.1	63.4
December 2013	526.2	527.7	797.3	797.7	57.9	59.3	6.8	6.9	62.1	62.3
2014										
December	535.1	527.3	799.4	796.8	58.4	57.4	6.8	6.7	61.7	61.5
2015										
January	534.2	535.0	799.7	802.0	59.1	63.1	6.9	7.3	61.7	62.2
February	533.0	532.6	800.8	797.2	59.9	59.6	7.0	7.0	61.8	61.5
March	531.7	536.9	802.4	804.1	61.2	55.8	7.1	6.5	62.0	61.7
April	530.2	533.1	803.8	804.3	63.2	62.9	7.3	7.3	62.2	62.2
May	528.3	525.7	804.4	807.4	65.3	67.1	7.5	7.7	62.3	62.7
June	526.3	519.7	804.2	802.8	67.1	69.2	7.7	7.9	62.4	62.5
July	524.8	526.4	803.7	803.6	68.0	68.3	7.8	7.8	62.4	62.4
August	524.2	528.1	803.5	806.2	67.8	68.8	7.8	7.9	62.3	62.6
September	524.2	524.8	804.0	797.9	66.7	65.6	7.7	7.6	62.2	61.7
October	524.1	519.3	805.1	804.0	65.4	65.8	7.5	7.6	62.2	62.1
November	524.1	526.1	806.4	810.4	64.3	63.7	7.4	7.3	62.2	62.4
December	524.2	524.5	808.0	809.4	63.2	62.5	7.3	7.2	62.2	62.2
MALES										
December 2012	353.0	354.8	433.2	435.9	27.8	28.9	6.0	6.2	68.9	69.5
December 2013	349.2	348.7	429.4	430.4	33.4	34.8	7.2	7.5	68.5	68.9
2014										
December	353.5	348.6	430.7	430.3	30.9	30.4	6.7	6.6	67.7	67.6
2015										
January	353.3	352.4	430.6	428.9	31.3	33.7	6.8	7.3	67.7	67.8
February	352.9	353.6	430.6	429.9	32.0	31.9	6.9	6.9	67.7	67.6
March	352.1	356.3	430.5	432.0	33.2	29.5	7.2	6.4	67.8	67.4
April	350.6	352.5	429.8	430.8	34.9	35.4	7.5	7.6	67.9	68.1
May	348.3	347.2	428.5	432.0	36.8	36.8	7.9	7.9	67.9	68.4
June	345.7	341.3	427.0	424.5	38.3	40.6	8.2	8.7	67.9	67.9
July	343.3	344.3	425.7	422.5	39.1	39.3	8.4	8.5	67.8	67.3
August	341.7	342.4	425.1	426.4	39.0	39.3	8.4	8.4	67.6	67.9
September	340.6	342.0	425.2	424.1	38.2	38.7	8.2	8.4	67.5	67.4
October	339.6	337.3	425.6	426.0	37.2	36.0	8.0	7.8	67.3	67.2
November	338.7	339.5	426.0	428.2	36.3	36.6	7.8	7.9	67.2	67.6
December	338.1	337.7	426.7	425.5	35.3	34.4	7.6	7.5	67.1	66.8
FEMALES										
December 2012	184.2	183.6	377.4	377.9	22.0	21.6	5.5	5.4	57.5	57.5
December 2013	177.1	179.1	367.9	367.3	24.4	24.5	6.2	6.3	55.9	55.9
2014										
December	181.6	178.7	368.7	366.6	27.5	26.9	6.9	6.8	56.0	55.6
2015										
January	180.9	182.5	369.1	373.1	27.7	29.3	7.0	7.3	56.0	56.8
February	180.1	179.0	370.1	367.2	27.8	27.7	7.0	7.0	56.1	55.7
March	179.6	180.6	371.9	372.1	28.0	26.3	7.0	6.6	56.4	56.1
April	179.6	180.7	374.0	373.5	28.3	27.6	7.0	6.9	56.6	56.5
May	180.0	178.5	375.9	375.4	28.6	30.2	7.1	7.5	56.9	57.1
June	180.6	178.4	377.2	378.2	28.8	28.6	7.1	7.0	57.1	57.2
July	181.5	182.2	378.0	381.1	28.9	29.0	7.1	7.1	57.2	57.7
August	182.5	185.8	378.4	379.8	28.8	29.5	7.1	7.2	57.2	57.5
September	183.6	182.8	378.8	373.9	28.5	26.9	7.0	6.7	57.2	56.3
October	184.5	182.0	379.5	378.0	28.2	29.7	6.9	7.3	57.2	57.2
November	185.4	186.5	380.4	382.2	28.0	27.1	6.9	6.6	57.3	57.4
December	186.1	186.8	381.3	383.9	27.9	28.1	6.8	6.8	57.4	57.7

										CIVILIAN POPULATION AGED 15 YEARS AND OVER	
	EMPLOYED FULL-TIME		EMPLOYED TOTAL		UNEMPLOYED TOTAL		UNEMPLOYMENT RATE		PARTICIPATION RATE		
	Trend	Seasonally adjusted	Trend	Seasonally adjusted	Trend	Seasonally adjusted	Trend	Seasonally adjusted	Trend	Seasonally adjusted	Original
	'000	'000	'000	'000	'000	'000	%	%	%	%	'000
PERSONS											
December 2012	958.0	962.2	1 327.7	1 328.0	60.6	59.9	4.4	4.3	69.4	69.4	2 000.5
December 2013	946.6	942.1	1 328.1	1 331.7	65.7	62.9	4.7	4.5	68.1	68.1	2 046.5
2014											
December	960.9	960.0	1 348.8	1 343.2	78.9	83.8	5.5	5.9	68.7	68.7	2 076.7
2015											
January	960.4	960.2	1 350.1	1 347.8	79.7	78.5	5.6	5.5	68.7	68.6	2 079.5
February	958.5	958.9	1 350.6	1 353.1	79.7	81.6	5.6	5.7	68.7	68.9	2 082.4
March	955.9	956.9	1 351.0	1 356.1	79.6	79.2	5.6	5.5	68.6	68.8	2 085.2
April	953.6	946.2	1 351.2	1 344.9	80.1	80.9	5.6	5.7	68.6	68.3	2 086.9
May	952.4	957.4	1 351.3	1 352.5	81.3	73.3	5.7	5.1	68.6	68.3	2 088.6
June	952.1	952.3	1 351.2	1 352.0	83.5	84.8	5.8	5.9	68.6	68.7	2 090.2
July	951.6	945.5	1 351.1	1 350.1	86.2	92.5	6.0	6.4	68.7	68.9	2 092.8
August	950.6	957.5	1 351.4	1 355.4	88.7	88.6	6.2	6.1	68.7	68.9	2 095.5
September	948.7	947.8	1 351.8	1 344.1	90.6	87.2	6.3	6.1	68.8	68.2	2 098.1
October	946.1	950.1	1 352.3	1 359.0	91.9	93.1	6.4	6.4	68.8	69.1	2 100.2
November	943.3	939.0	1 352.8	1 348.3	93.0	94.5	6.4	6.6	68.8	68.6	2 102.3
December	941.1	938.2	1 353.4	1 356.3	93.1	91.9	6.4	6.3	68.8	68.8	2 104.4
MALES											
December 2012	640.0	639.6	741.4	739.2	32.4	32.0	4.2	4.2	76.7	76.4	1 008.8
December 2013	633.4	633.5	746.8	751.8	37.5	36.3	4.8	4.6	76.1	76.5	1 030.7
2014											
December	647.0	646.6	756.2	753.2	43.6	45.3	5.4	5.7	76.5	76.4	1 045.4
2015											
January	646.5	649.4	757.5	757.6	44.2	41.5	5.5	5.2	76.6	76.3	1 046.8
February	644.0	644.1	757.6	760.0	44.9	46.3	5.6	5.7	76.6	76.9	1 048.2
March	640.3	642.6	757.0	759.7	45.9	46.1	5.7	5.7	76.5	76.8	1 049.7
April	636.6	630.4	756.1	753.5	47.3	46.9	5.9	5.9	76.5	76.2	1 050.5
May	634.5	632.5	755.5	752.8	48.9	46.9	6.1	5.9	76.5	76.1	1 051.2
June	634.3	636.2	755.2	753.7	50.4	49.8	6.3	6.2	76.5	76.4	1 052.0
July	635.2	634.5	755.0	758.3	51.2	54.8	6.4	6.7	76.5	77.2	1 053.3
August	636.3	634.6	755.1	755.3	51.2	52.7	6.4	6.5	76.5	76.6	1 054.6
September	636.8	640.0	754.8	755.0	50.7	49.0	6.3	6.1	76.3	76.1	1 055.8
October	636.5	640.8	754.3	754.6	49.9	51.5	6.2	6.4	76.1	76.3	1 056.9
November	635.6	633.1	753.6	751.6	49.1	44.6	6.1	5.6	75.9	75.3	1 057.9
December	634.4	630.6	752.9	753.4	48.2	50.3	6.0	6.3	75.7	75.9	1 058.9
FEMALES											
December 2012	318.0	322.6	586.3	588.9	28.2	27.9	4.6	4.5	61.9	62.2	991.7
December 2013	313.2	308.7	581.3	579.9	28.1	26.7	4.6	4.4	60.0	59.7	1 015.8
2014											
December	313.9	313.4	592.6	590.0	35.3	38.5	5.6	6.1	60.9	60.9	1 031.3
2015											
January	313.9	310.8	592.5	590.2	35.5	37.1	5.6	5.9	60.8	60.7	1 032.7
February	314.5	314.7	593.0	593.1	34.8	35.3	5.5	5.6	60.7	60.8	1 034.1
March	315.6	314.4	594.0	596.4	33.7	33.1	5.4	5.3	60.6	60.8	1 035.5
April	317.0	315.8	595.1	591.4	32.8	34.0	5.2	5.4	60.6	60.3	1 036.4
May	318.0	324.9	595.8	599.7	32.4	26.3	5.2	4.2	60.6	60.3	1 037.3
June	317.8	316.0	596.0	598.2	33.1	35.0	5.3	5.5	60.6	61.0	1 038.2
July	316.4	311.0	596.0	591.8	35.0	37.7	5.5	6.0	60.7	60.6	1 039.6
August	314.2	322.9	596.3	600.0	37.4	35.9	5.9	5.6	60.9	61.1	1 040.9
September	311.8	307.8	597.0	589.2	39.9	38.1	6.3	6.1	61.1	60.2	1 042.3
October	309.7	309.3	598.0	604.5	42.0	41.6	6.6	6.4	61.3	61.9	1 043.4
November	307.8	305.9	599.2	596.6	43.9	49.9	6.8	7.7	61.6	61.9	1 044.5
December	306.7	307.7	600.5	603.0	44.9	41.6	7.0	6.5	61.8	61.7	1 045.5

										CIVILIAN POPULATION AGED 15 YEARS AND OVER	
	EMPLOYED FULL-TIME		EMPLOYED TOTAL		UNEMPLOYED TOTAL		UNEMPLOYMENT RATE		PARTICIPATION RATE		
	Trend	Seasonally adjusted	Trend	Seasonally adjusted	Trend	Seasonally adjusted	Trend	Seasonally adjusted	Trend	Seasonally adjusted	Original
	'000	'000	'000	'000	'000	'000	%	%	%	%	'000
PERSONS											
December 2012	148.6	145.4	234.2	233.6	18.0	18.6	7.1	7.4	60.4	60.5	417.0
December 2013	147.9	148.5	230.9	228.2	19.2	19.1	7.7	7.7	59.7	59.0	418.8
2014											
December	154.0	154.5	240.9	241.6	17.2	17.0	6.7	6.6	61.3	61.5	420.7
2015											
January	154.4	154.6	240.7	240.5	17.1	16.9	6.6	6.6	61.2	61.1	421.0
February	154.3	153.6	240.1	240.0	17.2	16.9	6.7	6.6	61.1	61.0	421.4
March	154.0	155.6	239.5	239.4	17.4	16.9	6.8	6.6	60.9	60.8	421.7
April	153.9	154.0	239.2	238.5	17.5	18.7	6.8	7.3	60.8	61.0	421.9
May	154.1	152.0	239.3	238.5	17.4	17.8	6.8	6.9	60.8	60.7	422.1
June	154.7	153.8	239.9	240.3	17.1	16.7	6.7	6.5	60.9	60.9	422.3
July	155.4	155.4	240.6	239.8	16.8	16.9	6.5	6.6	60.9	60.8	422.4
August	156.0	158.1	241.0	242.6	16.6	16.6	6.4	6.4	60.9	61.3	422.6
September	156.1	156.9	241.1	241.7	16.5	15.4	6.4	6.0	60.9	60.8	422.7
October	155.9	156.1	240.8	240.2	16.6	16.8	6.4	6.5	60.9	60.8	422.9
November	155.4	154.4	240.3	241.3	16.7	17.1	6.5	6.6	60.8	61.1	423.0
December	154.7	153.4	239.7	237.5	17.0	17.4	6.6	6.8	60.7	60.2	423.2
MALES											
December 2012	99.9	97.6	126.7	126.1	9.6	10.4	7.0	7.6	66.1	66.3	206.0
December 2013	97.0	97.0	122.0	121.2	10.8	10.6	8.2	8.0	64.2	63.7	206.8
2014											
December	101.8	101.8	127.8	128.3	10.4	9.9	7.5	7.2	66.5	66.5	207.8
2015											
January	101.9	102.3	127.8	127.7	10.2	9.7	7.4	7.1	66.3	66.1	208.0
February	101.6	101.2	127.6	127.7	10.1	10.0	7.4	7.3	66.2	66.1	208.1
March	101.3	101.9	127.2	126.8	10.2	9.9	7.4	7.2	66.0	65.6	208.3
April	101.2	101.9	127.2	127.0	10.2	11.0	7.4	8.0	65.9	66.2	208.4
May	101.4	99.8	127.5	126.8	10.0	10.5	7.2	7.7	65.9	65.9	208.5
June	101.9	100.6	128.1	128.3	9.5	9.3	6.9	6.8	66.0	65.9	208.7
July	102.4	102.3	128.8	128.2	9.1	8.9	6.6	6.5	66.0	65.7	208.8
August	102.6	105.5	129.1	130.6	8.8	8.6	6.4	6.1	66.0	66.6	208.8
September	102.6	102.8	129.1	129.6	8.7	7.7	6.3	5.6	65.9	65.7	208.9
October	102.2	101.5	128.7	128.5	8.9	9.2	6.4	6.7	65.8	65.9	209.0
November	101.6	101.2	128.2	128.7	9.1	9.5	6.6	6.9	65.7	66.1	209.1
December	100.9	99.7	127.5	125.6	9.4	9.9	6.9	7.3	65.5	64.8	209.1
FEMALES											
December 2012	48.6	47.8	107.5	107.4	8.4	8.2	7.2	7.1	54.9	54.8	211.0
December 2013	51.0	51.4	108.9	107.0	8.3	8.5	7.1	7.3	55.3	54.4	212.0
2014											
December	52.2	52.7	113.1	113.3	6.8	7.1	5.7	5.9	56.3	56.6	212.9
2015											
January	52.5	52.3	112.9	112.8	6.9	7.2	5.8	6.0	56.3	56.3	213.1
February	52.7	52.4	112.6	112.3	7.1	6.9	5.9	5.8	56.1	55.9	213.2
March	52.7	53.7	112.2	112.7	7.2	7.0	6.0	5.8	56.0	56.1	213.4
April	52.7	52.1	112.0	111.6	7.3	7.7	6.1	6.4	55.9	55.9	213.4
May	52.7	52.1	111.8	111.7	7.5	7.2	6.2	6.1	55.9	55.7	213.5
June	52.8	53.2	111.8	112.1	7.6	7.4	6.4	6.2	55.9	55.9	213.6
July	53.1	53.1	111.8	111.5	7.7	8.0	6.5	6.7	56.0	55.9	213.7
August	53.3	52.6	111.9	112.1	7.8	8.0	6.5	6.7	56.0	56.2	213.8
September	53.6	54.1	112.0	112.1	7.8	7.8	6.5	6.5	56.0	56.0	213.8
October	53.7	54.6	112.1	111.7	7.7	7.6	6.4	6.4	56.0	55.8	213.9
November	53.8	53.2	112.1	112.6	7.7	7.6	6.4	6.3	56.0	56.2	214.0
December	53.8	53.7	112.2	111.9	7.6	7.4	6.3	6.2	55.9	55.8	214.0

	EMPLOYED FULL-TIME	EMPLOYED TOTAL	UNEMPLOYED TOTAL	UNEMPLOYMENT RATE	PARTICIPATION RATE	CIVILIAN POPULATION AGED 15 YEARS AND OVER
	Trend '000	Trend '000	Trend '000	Trend %	Trend %	Original '000
PERSONS						
December 2012	103.6	127.3	5.7	4.3	74.0	179.7
December 2013	107.8	132.3	5.9	4.3	75.3	183.3
2014						
December	106.8	130.7	5.3	3.9	73.6	184.7
2015						
January	107.6	131.9	5.6	4.0	74.4	184.8
February	108.2	133.0	5.9	4.2	75.1	184.9
March	108.6	133.9	6.0	4.3	75.6	185.0
April	108.8	134.5	6.1	4.3	75.8	185.3
May	109.1	134.9	6.2	4.4	76.0	185.6
June	109.4	134.9	6.3	4.5	76.0	185.9
July	109.4	134.7	6.4	4.5	75.8	186.1
August	109.1	134.3	6.4	4.5	75.6	186.2
September	108.6	133.9	6.3	4.5	75.3	186.3
October	108.0	133.4	6.1	4.4	74.9	186.2
November	107.4	133.0	5.9	4.2	74.6	186.1
December	106.8	132.7	5.6	4.1	74.3	186.0
MALES						
December 2012	61.2	69.8	3.1	4.3	78.1	93.3
December 2013	65.2	73.5	3.3	4.3	80.1	95.7
2014						
December	63.9	71.5	3.2	4.3	77.2	96.7
2015						
January	64.1	71.9	3.4	4.5	77.8	96.8
February	64.4	72.4	3.5	4.6	78.4	96.8
March	64.7	72.9	3.6	4.7	78.8	96.9
April	64.9	73.3	3.6	4.7	79.2	97.1
May	65.2	73.7	3.6	4.7	79.5	97.3
June	65.5	74.0	3.6	4.7	79.7	97.6
July	65.5	74.1	3.6	4.6	79.6	97.6
August	65.4	74.0	3.5	4.5	79.4	97.6
September	65.1	73.8	3.3	4.3	79.0	97.6
October	64.7	73.5	3.1	4.1	78.5	97.6
November	64.3	73.1	3.0	3.9	78.0	97.5
December	63.8	72.8	2.8	3.7	77.6	97.4
FEMALES						
December 2012	42.4	57.5	2.6	4.3	69.5	86.4
December 2013	42.6	58.9	2.6	4.2	70.2	87.5
2014						
December	42.9	59.2	2.1	3.4	69.6	88.0
2015						
January	43.5	60.0	2.2	3.5	70.6	88.0
February	43.8	60.6	2.3	3.7	71.4	88.1
March	43.9	61.0	2.4	3.8	71.9	88.1
April	43.9	61.2	2.5	3.9	72.2	88.2
May	43.9	61.2	2.5	4.0	72.1	88.3
June	43.9	60.9	2.6	4.2	71.9	88.4
July	43.9	60.6	2.8	4.4	71.7	88.5
August	43.7	60.3	2.9	4.6	71.4	88.6
September	43.5	60.1	3.0	4.7	71.2	88.7
October	43.3	59.9	3.0	4.7	71.0	88.7
November	43.2	59.9	2.9	4.7	70.8	88.6
December	43.0	59.9	2.8	4.5	70.7	88.6

	EMPLOYED FULL-TIME	EMPLOYED TOTAL	UNEMPLOYED TOTAL	UNEMPLOYMENT RATE	PARTICIPATION RATE	CIVILIAN POPULATION AGED 15 YEARS AND OVER
	Trend	Trend	Trend	Trend	Trend	Original
	'000	'000	'000	%	%	'000
PERSONS						
December 2012	156.9	210.9	9.7	4.4	72.8	303.1
December 2013	153.6	210.4	8.1	3.7	71.2	307.0
2014						
December	153.5	207.9	10.3	4.7	70.3	310.1
2015						
January	153.1	208.2	9.9	4.5	70.2	310.6
February	153.1	208.6	9.6	4.4	70.2	311.0
March	153.6	209.0	9.4	4.3	70.1	311.5
April	154.1	209.4	9.4	4.3	70.2	311.7
May	154.4	209.7	9.5	4.3	70.3	311.9
June	154.3	209.7	9.8	4.5	70.3	312.1
July	153.9	209.6	10.3	4.7	70.3	312.5
August	153.5	209.4	10.7	4.9	70.4	312.9
September	153.3	209.6	11.1	5.0	70.5	313.2
October	153.5	210.0	11.3	5.1	70.6	313.5
November	153.7	210.5	11.4	5.2	70.7	313.7
December	154.2	211.2	11.5	5.2	70.9	314.0
MALES						
December 2012	89.3	107.9	5.4	4.8	76.6	148.0
December 2013	89.7	110.0	4.1	3.6	76.1	149.8
2014						
December	89.3	106.3	4.8	4.4	73.5	151.3
2015						
January	89.2	106.9	4.7	4.2	73.6	151.5
February	89.2	107.4	4.5	4.0	73.8	151.7
March	89.3	107.9	4.5	4.0	74.0	151.9
April	89.4	108.1	4.6	4.1	74.1	152.1
May	89.3	108.0	4.8	4.2	74.1	152.2
June	89.0	107.7	5.0	4.4	74.0	152.3
July	88.4	107.2	5.2	4.7	73.7	152.5
August	87.8	106.6	5.6	5.0	73.5	152.7
September	87.2	106.2	6.0	5.3	73.4	152.9
October	87.0	106.0	6.3	5.6	73.4	153.0
November	86.9	105.9	6.5	5.8	73.5	153.1
December	87.0	106.1	6.7	6.0	73.6	153.2
FEMALES						
December 2012	67.6	103.0	4.3	4.0	69.1	155.1
December 2013	63.9	100.4	4.1	3.9	66.4	157.2
2014						
December	64.1	101.5	5.4	5.1	67.3	158.8
2015						
January	63.8	101.4	5.2	4.9	67.0	159.0
February	63.9	101.2	5.0	4.7	66.7	159.3
March	64.3	101.1	4.8	4.6	66.4	159.5
April	64.7	101.3	4.8	4.5	66.4	159.6
May	65.1	101.6	4.8	4.5	66.6	159.7
June	65.3	102.0	4.9	4.5	66.8	159.8
July	65.5	102.4	5.0	4.7	67.1	160.0
August	65.7	102.9	5.1	4.7	67.4	160.2
September	66.1	103.4	5.1	4.7	67.7	160.4
October	66.5	104.0	5.0	4.6	67.9	160.5
November	66.8	104.6	4.9	4.5	68.1	160.7
December	67.2	105.1	4.8	4.3	68.4	160.8

	EMPLOYED			UNEMPLOYED				LABOUR FORCE	
	Full-time	Part-time	Total	Employment to population ratio	Looked for full-time work	Looked for part-time work only	Total	Unemployment rate	Participation rate
	'000	'000	'000	%	'000	'000	'000	%	%
PERSONS									
December 2012	942.3	881.8	1 823.9	59.2	150.6	98.5	248.1	12.0	67.3
December 2013	870.2	929.7	1 797.1	58.0	157.0	99.5	255.4	12.4	66.3
2014									
December	869.2	932.4	1 798.2	57.7	166.1	125.3	290.3	13.9	67.1
2015									
January	868.3	936.7	1 800.6	57.7	166.9	123.5	289.2	13.8	67.1
February	868.1	940.2	1 804.1	57.8	166.1	121.9	287.1	13.7	67.1
March	868.8	943.3	1 809.1	57.9	164.2	121.2	285.4	13.6	67.2
April	870.3	946.1	1 815.0	58.1	162.6	121.6	284.9	13.6	67.2
May	871.6	949.5	1 820.8	58.3	161.7	122.1	285.1	13.5	67.4
June	871.4	954.2	1 826.3	58.4	161.2	122.0	284.6	13.5	67.5
July	870.5	959.0	1 830.9	58.6	160.4	120.8	282.5	13.4	67.5
August	870.3	963.3	1 835.5	58.7	159.2	118.7	278.9	13.2	67.5
September	872.2	966.7	1 840.7	58.8	157.3	115.9	273.7	13.0	67.5
October	876.0	968.8	1 846.0	59.0	154.8	113.3	267.9	12.7	67.5
November	881.1	969.9	1 850.9	59.2	152.4	111.0	262.4	12.4	67.6
December	886.3	970.7	1 854.9	59.3	150.2	108.9	257.7	12.2	67.6
MALES									
December 2012	566.8	366.1	933.0	59.3	94.2	47.4	141.6	13.2	68.3
December 2013	523.8	390.4	914.2	57.7	90.4	46.9	137.3	13.1	66.4
2014									
December	528.2	396.3	924.5	57.9	101.1	59.6	160.7	14.8	68.0
2015									
January	526.9	399.8	926.6	58.0	101.5	59.9	161.4	14.8	68.1
February	524.9	402.9	927.8	58.0	100.8	60.4	161.2	14.8	68.1
March	522.6	405.6	928.3	58.1	99.3	61.0	160.3	14.7	68.1
April	520.8	407.7	928.5	58.1	98.0	61.4	159.5	14.7	68.0
May	520.2	409.2	929.3	58.1	97.2	61.4	158.6	14.6	68.0
June	520.6	410.1	930.7	58.2	96.8	60.8	157.6	14.5	68.0
July	521.5	410.7	932.2	58.3	96.4	59.9	156.3	14.4	68.0
August	522.7	411.1	933.7	58.3	96.3	58.9	155.2	14.2	68.0
September	524.0	411.4	935.4	58.4	95.9	58.0	153.8	14.1	68.0
October	525.1	411.7	936.8	58.5	95.2	57.3	152.5	14.0	68.0
November	525.8	412.0	937.9	58.6	94.4	56.7	151.2	13.9	68.0
December	526.3	412.6	939.0	58.6	93.8	56.3	150.1	13.8	68.0
FEMALES									
December 2012	375.5	515.7	891.2	59.2	56.5	51.1	107.6	10.8	66.3
December 2013	346.4	539.3	885.7	58.4	66.7	52.6	119.3	11.9	66.3
2014									
December	341.0	536.1	877.1	57.6	64.9	65.7	130.6	13.0	66.2
2015									
January	341.4	536.9	878.3	57.7	65.4	63.6	129.0	12.8	66.1
February	343.2	537.3	880.5	57.8	65.3	61.5	126.8	12.6	66.1
March	346.2	537.6	883.8	58.0	64.9	60.2	125.1	12.4	66.2
April	349.5	538.4	887.9	58.2	64.6	60.1	124.7	12.3	66.4
May	351.4	540.4	891.8	58.5	64.5	60.7	125.2	12.3	66.7
June	350.8	544.0	894.8	58.7	64.4	61.2	125.6	12.3	66.9
July	349.0	548.4	897.4	58.8	64.0	60.9	124.9	12.2	67.0
August	347.6	552.3	899.9	58.9	63.0	59.8	122.7	12.0	67.0
September	348.2	555.3	903.4	59.2	61.4	58.0	119.4	11.7	67.0
October	350.9	557.1	908.0	59.4	59.6	56.0	115.6	11.3	67.0
November	355.3	557.9	913.2	59.8	58.0	54.2	112.2	10.9	67.1
December	359.9	558.0	918.0	60.1	56.3	52.6	109.0	10.6	67.2

	EMPLOYED				UNEMPLOYED				LABOUR FORCE	
	Full-time	Part-time	Total	Employment to population ratio	Looked for full-time work	Looked for part-time work only	Total	Unemployment rate	Participation rate	
	'000	'000	'000	%	'000	'000	'000	%	%	
PERSONS										
December 2012	950.2	880.8	1 823.9	59.3	156.3	97.5	250.8	12.0	67.7	
December 2013	859.7	927.8	1 775.7	57.4	157.4	99.0	253.1	12.4	66.0	
2014										
December	883.1	938.7	1 809.3	58.1	155.4	122.7	274.0	13.0	67.4	
2015										
January	855.7	932.9	1 781.5	57.1	172.1	123.9	295.1	14.2	66.8	
February	866.9	942.1	1 804.3	57.8	167.2	120.7	287.7	13.7	67.1	
March	870.1	945.8	1 812.8	58.0	167.6	119.0	286.3	13.6	67.2	
April	873.7	938.3	1 816.9	58.1	160.9	123.3	283.7	13.5	67.1	
May	865.9	956.0	1 821.1	58.3	155.1	120.2	280.3	13.4	67.1	
June	876.9	949.4	1 827.1	58.5	157.8	122.4	278.5	13.2	67.5	
July	876.0	960.5	1 831.2	58.6	167.0	124.6	293.2	13.8	68.1	
August	871.8	961.6	1 835.8	58.7	163.8	122.5	288.2	13.6	67.8	
September	860.9	968.9	1 833.8	58.6	159.2	109.3	269.1	12.8	67.0	
October	867.7	974.4	1 848.7	59.1	146.5	114.3	260.4	12.4	67.2	
November	882.4	970.4	1 856.4	59.3	152.2	110.3	262.6	12.4	67.6	
December	904.5	963.4	1 854.4	59.3	151.7	109.3	257.3	12.1	68.1	
MALES										
December 2012	568.6	362.4	931.0	59.2	97.5	46.4	143.9	13.4	68.4	
December 2013	519.0	391.3	910.4	57.6	92.0	47.6	139.6	13.3	66.4	
2014										
December	540.0	391.8	931.8	58.4	91.7	57.0	148.7	13.8	67.7	
2015										
January	516.8	401.6	918.4	57.5	104.0	62.9	166.9	15.4	68.0	
February	523.5	403.7	927.2	58.0	101.8	58.9	160.7	14.8	68.0	
March	526.8	407.7	934.5	58.4	102.3	58.5	160.8	14.7	68.4	
April	519.9	403.7	923.6	57.7	96.6	64.6	161.2	14.9	67.8	
May	518.8	413.0	931.8	58.3	95.6	61.7	157.3	14.4	68.1	
June	520.0	407.1	927.1	58.0	91.7	62.1	153.8	14.2	67.7	
July	521.4	412.1	933.6	58.4	100.4	57.0	157.4	14.4	68.2	
August	521.0	413.4	934.3	58.4	98.8	60.6	159.5	14.6	68.3	
September	527.0	407.8	934.7	58.3	96.6	56.3	152.9	14.1	67.9	
October	527.7	412.9	940.6	58.7	92.6	58.0	150.7	13.8	68.1	
November	521.6	411.5	933.1	58.3	93.0	57.1	150.1	13.9	67.7	
December	527.5	413.5	941.0	58.8	94.8	55.9	150.7	13.8	68.2	
FEMALES										
December 2012	381.5	518.5	900.0	59.8	58.8	51.1	109.9	10.9	67.1	
December 2013	340.7	536.4	877.1	57.9	65.4	51.5	116.8	11.8	65.6	
2014										
December	343.1	546.9	889.9	58.5	63.7	65.7	129.4	12.7	67.0	
2015										
January	338.9	531.3	870.2	57.2	68.2	60.9	129.1	12.9	65.6	
February	343.4	538.4	881.8	57.8	65.4	61.8	127.2	12.6	66.2	
March	343.2	538.2	881.4	57.7	65.4	60.5	125.9	12.5	66.0	
April	353.8	534.6	888.4	58.2	64.2	58.7	123.0	12.2	66.3	
May	347.1	543.0	890.1	58.4	59.5	58.5	117.9	11.7	66.1	
June	356.9	542.3	899.1	59.0	66.1	60.2	126.3	12.3	67.3	
July	354.6	548.3	902.9	59.2	66.6	67.6	134.2	12.9	68.0	
August	350.8	548.2	899.0	58.9	65.0	61.9	126.8	12.4	67.2	
September	333.9	561.1	895.0	58.6	62.6	53.0	115.7	11.4	66.1	
October	340.0	561.5	901.6	59.0	53.9	56.3	110.2	10.9	66.2	
November	360.8	558.8	919.6	60.2	59.2	53.2	112.4	10.9	67.6	
December	377.0	550.0	926.9	60.7	56.9	53.4	110.3	10.6	67.9	

	EMPLOYED				UNEMPLOYED				LABOUR FORCE			Not in the labour force (NILF)	Civ. pop. aged 15-24
	Full- time	Part- time	Total	Emp. to pop. ratio	Looked for full- time	Looked for part- time only	Total	Unemp. rate	Total	Part. rate			
	'000	'000	'000	%	'000	'000	'000	%	'000	%	'000	'000	'000
ATTENDING FULL-TIME EDUCATION													
Persons													
December 2012	88.2	523.0	611.2	45.3	27.8	78.8	106.7	14.9	717.9	53.2	631.7	1 349.6	
December 2013	87.6	582.0	669.6	43.6	39.7	86.6	126.3	15.9	795.9	51.8	739.2	1 535.1	
December 2014	97.6	588.5	686.0	44.6	43.5	103.8	147.3	17.7	833.3	54.1	705.7	1 539.1	
December 2015	116.0	601.6	717.6	46.1	40.6	91.0	131.6	15.5	849.2	54.5	708.0	1 557.3	
Males													
December 2012	46.2	222.1	268.3	40.8	15.2	37.2	52.4	16.3	320.7	48.8	337.1	657.8	
December 2013	47.8	250.3	298.1	39.4	22.6	46.3	68.8	18.8	366.9	48.5	388.9	755.8	
December 2014	51.6	250.3	301.9	40.8	21.8	51.9	73.7	19.6	375.6	50.8	364.4	740.0	
December 2015	58.6	256.7	315.3	41.2	21.5	48.9	70.4	18.3	385.8	50.4	379.7	765.4	
Females													
December 2012	42.0	300.9	342.9	49.6	12.6	41.7	54.3	13.7	397.2	57.4	294.6	691.7	
December 2013	39.8	331.7	371.5	47.7	17.2	40.3	57.5	13.4	429.0	55.1	350.2	779.2	
December 2014	46.0	338.1	384.1	48.1	21.8	51.8	73.6	16.1	457.7	57.3	341.3	799.0	
December 2015	57.4	344.9	402.3	50.8	19.1	42.1	61.2	13.2	463.5	58.5	328.4	791.9	
NOT ATTENDING FULL-TIME EDUCATION													
Persons													
December 2012	924.6	366.9	1 291.5	74.7	135.1	23.5	158.6	10.9	1 450.1	83.9	277.7	1 727.9	
December 2013	830.0	351.6	1 181.6	75.7	124.9	15.8	140.7	10.6	1 322.4	84.7	238.3	1 560.7	
December 2014	845.5	353.6	1 199.0	76.0	118.7	21.8	140.5	10.5	1 339.5	85.0	237.2	1 576.7	
December 2015	850.0	364.1	1 214.0	77.3	117.3	20.4	137.7	10.2	1 351.8	86.1	218.0	1 569.8	
Males													
December 2012	562.7	143.1	705.8	77.2	85.4	12.8	98.2	12.2	804.0	87.9	110.7	914.7	
December 2013	508.9	142.0	650.9	78.8	73.1	3.9	76.9	10.6	727.9	88.1	97.9	825.8	
December 2014	528.1	141.5	669.6	78.3	73.9	6.9	80.8	10.8	750.4	87.7	104.9	855.3	
December 2015	508.0	156.1	664.1	79.5	77.4	8.3	85.7	11.4	749.8	89.8	85.2	835.1	
Females													
December 2012	361.9	223.8	585.7	72.0	49.7	10.7	60.5	9.4	646.2	79.5	167.0	813.1	
December 2013	321.1	209.6	530.7	72.2	51.9	11.9	63.8	10.7	594.5	80.9	140.4	734.9	
December 2014	317.3	212.1	529.5	73.4	44.8	14.8	59.7	10.1	589.1	81.7	132.3	721.4	
December 2015	341.9	208.0	549.9	74.8	39.9	12.1	52.0	8.6	601.9	81.9	132.8	734.7	
TOTAL													
Persons													
December 2012	1 012.8	889.9	1 902.7	61.8	163.0	102.3	265.3	12.2	2 168.1	70.4	909.4	3 077.4	
December 2013	917.6	933.6	1 851.2	59.8	164.7	102.4	267.0	12.6	2 118.3	68.4	977.5	3 095.8	
December 2014	943.0	942.0	1 885.1	60.5	162.3	125.6	287.8	13.2	2 172.9	69.7	942.9	3 115.8	
December 2015	966.0	965.7	1 931.6	61.8	157.9	111.4	269.3	12.2	2 201.0	70.4	926.1	3 127.0	
Males													
December 2012	608.9	365.2	974.1	61.9	100.7	49.9	150.6	13.4	1 124.7	71.5	447.9	1 572.6	
December 2013	556.7	392.3	949.0	60.0	95.7	50.1	145.8	13.3	1 094.8	69.2	486.9	1 581.6	
December 2014	579.7	391.8	971.5	60.9	95.7	58.9	154.5	13.7	1 126.0	70.6	469.3	1 595.3	
December 2015	566.7	412.8	979.5	61.2	98.9	57.2	156.1	13.7	1 135.6	71.0	464.9	1 600.5	
Females													
December 2012	403.9	524.7	928.6	61.7	62.3	52.4	114.7	11.0	1 043.3	69.3	461.5	1 504.9	
December 2013	360.9	541.4	902.2	59.6	69.0	52.3	121.3	11.9	1 023.5	67.6	490.6	1 514.1	
December 2014	363.3	550.2	913.6	60.1	66.6	66.7	133.3	12.7	1 046.8	68.9	473.6	1 520.5	
December 2015	399.3	552.8	952.1	62.4	59.1	54.2	113.2	10.6	1 065.4	69.8	461.2	1 526.5	

	EMPLOYED			UNEMPLOYED				LABOUR FORCE				Not in the labour force (NILF)	Civ. pop. aged 15-24		
	Full- time '000	Part- time '000	Total '000	Emp. to pop. ratio %	Looked for full- time '000	Looked for part- time only '000	Total '000	Unemp. rate %	Total '000	Part. rate %					
ATTENDING FULL-TIME EDUCATION															
New South Wales	40.8	187.8	228.5	44.9	9.5	28.0	37.5	14.1	266.1	52.3	243.0	509.1			
Victoria	26.8	159.6	186.4	43.8	14.3	26.4	40.7	17.9	227.1	53.4	198.4	425.6			
Queensland	26.3	117.1	143.4	51.9	6.9	13.7	20.6	12.6	164.0	59.3	112.5	276.5			
South Australia	7.6	45.2	52.8	44.9	3.1	8.4	11.5	17.9	64.3	54.7	53.2	117.5			
Western Australia	10.8	63.3	74.1	47.7	4.5	8.5	12.9	14.9	87.0	56.1	68.2	155.2			
Tasmania	*0.8	12.7	13.5	42.6	*1.3	2.8	4.1	23.2	17.6	55.5	14.1	31.7			
Northern Territory	0.8	3.6	4.3	37.1	0.4	0.4	0.8	15.9	5.2	44.1	6.5	11.7			
Australian Capital Territory	2.3	12.2	14.5	48.3	*0.7	2.7	3.4	19.0	17.9	59.6	12.1	30.0			
Australia	116.0	601.6	717.6	46.1	40.6	91.0	131.6	15.5	849.2	54.5	708.0	1 557.3			
NOT ATTENDING FULL-TIME EDUCATION															
New South Wales	275.5	101.2	376.7	78.4	33.0	*5.4	38.3	9.2	415.0	86.4	65.3	480.3			
Victoria	184.2	93.9	278.1	77.1	24.6	8.0	32.6	10.5	310.6	86.2	49.9	360.5			
Queensland	193.6	82.8	276.4	75.0	32.0	*2.6	34.6	11.1	311.0	84.4	57.3	368.3			
South Australia	50.9	26.0	76.9	76.9	8.3	2.8	11.2	12.7	88.1	88.1	11.9	100.0			
Western Australia	102.0	42.5	144.5	78.6	14.7	*1.1	15.8	9.9	160.3	87.2	23.5	183.8			
Tasmania	18.8	7.4	26.2	78.6	2.8	*0.5	3.4	11.4	29.5	88.8	3.7	33.3			
Northern Territory	12.7	4.3	16.9	79.7	0.8	*0.1	0.9	4.9	17.8	83.8	3.5	21.3			
Australian Capital Territory	12.4	6.0	18.4	82.2	*1.0	*—	*1.0	*5.1	19.4	86.6	3.0	22.3			
Australia	850.0	364.1	1 214.0	77.3	117.3	20.4	137.7	10.2	1 351.8	86.1	218.0	1 569.8			
TOTAL															
New South Wales	316.2	289.0	605.2	61.2	42.5	33.4	75.9	11.1	681.1	68.8	308.4	989.4			
Victoria	211.0	253.5	464.5	59.1	38.9	34.4	73.3	13.6	537.8	68.4	248.3	786.1			
Queensland	219.8	200.0	419.8	65.1	38.9	16.3	55.2	11.6	475.0	73.7	169.7	644.8			
South Australia	58.4	71.3	129.7	59.6	11.5	11.2	22.7	14.9	152.4	70.1	65.1	217.4			
Western Australia	112.8	105.8	218.6	64.5	19.2	9.6	28.7	11.6	247.3	73.0	91.7	339.0			
Tasmania	19.6	20.1	39.7	61.1	4.1	3.4	7.5	15.8	47.1	72.6	17.8	65.0			
Northern Territory	13.4	7.9	21.3	64.5	1.2	0.5	1.7	7.4	23.0	69.7	10.0	33.0			
Australian Capital Territory	14.6	18.2	32.9	62.8	1.7	2.7	4.4	11.8	37.2	71.1	15.1	52.4			
Australia	966.0	965.7	1 931.6	61.8	157.9	111.4	269.3	12.2	2 201.0	70.4	926.1	3 127.0			

* estimate is subject to sampling variability too high for most practical purposes

— nil or rounded to zero (including null cells)

LABOUR FORCE STATUS IN DECEMBER 2015

	<i>Employed full-time</i>	<i>Employed part-time</i>	<i>Employed total</i>	<i>Unemployed</i>	<i>Labour force</i>	<i>Not in the labour force (NILF)</i>	<i>Total</i>
<i>Labour force status in November 2015</i>	'000	'000	'000	'000	'000	'000	'000
PERSONS							
Matched sample							
Employed full-time	6 291.7	301.8	6 593.5	29.7	6 623.2	104.6	6 727.9
Employed part-time	359.6	2 496.7	2 856.2	39.5	2 895.8	171.3	3 067.1
Employed total	6 651.2	2 798.5	9 449.8	69.3	9 519.0	276.0	9 795.0
Unemployed	38.1	71.1	109.2	332.8	442.0	114.0	556.0
Labour force	6 689.3	2 869.6	9 559.0	402.1	9 961.1	389.9	10 351.0
Not in the labour force (NILF)	77.3	145.7	223.1	153.1	376.2	4 822.4	5 198.6
Total	6 766.7	3 015.4	9 782.0	555.2	10 337.2	5 212.3	15 549.6
Unmatched sample							
Unmatched in common sample	586.2	215.7	802.0	54.9	856.8	722.9	1 579.7
Incoming rotation group	988.3	435.2	1 423.6	93.3	1 516.9	740.3	2 257.1
Total	1 574.6	650.9	2 225.5	148.2	2 373.7	1 463.2	3 836.8
Civilian population aged 15 years and over	8 341.3	3 666.3	12 007.5	703.4	12 710.9	6 675.5	19 386.4
MALES							
Matched sample							
Employed full-time	4 116.5	113.8	4 230.3	23.9	4 254.3	55.6	4 309.8
Employed part-time	150.5	692.4	842.9	17.4	860.3	61.3	921.6
Employed total	4 267.0	806.2	5 073.2	41.3	5 114.6	116.9	5 231.5
Unemployed	29.6	35.1	64.7	181.0	245.7	49.2	294.9
Labour force	4 296.7	841.3	5 138.0	222.3	5 360.3	166.1	5 526.4
Not in the labour force (NILF)	41.7	61.0	102.7	75.4	178.1	1 961.3	2 139.5
Total	4 338.4	902.3	5 240.7	297.7	5 538.4	2 127.5	7 665.9
Unmatched sample							
Unmatched in common sample	363.5	83.4	446.9	28.7	475.7	299.8	775.5
Incoming rotation group	626.4	133.5	760.0	49.6	809.5	300.7	1 110.3
Total	990.0	216.9	1 206.9	78.3	1 285.2	600.6	1 885.7
Civilian population aged 15 years and over	5 328.4	1 119.2	6 447.6	376.0	6 823.6	2 728.0	9 551.6
FEMALES							
Matched sample							
Employed full-time	2 175.2	188.0	2 363.2	5.8	2 369.0	49.1	2 418.0
Employed part-time	209.0	1 804.3	2 013.3	22.2	2 035.5	110.0	2 145.5
Employed total	2 384.2	1 992.3	4 376.5	28.0	4 404.5	159.0	4 563.5
Unemployed	8.5	36.0	44.5	151.8	196.3	64.7	261.1
Labour force	2 392.7	2 028.3	4 421.0	179.8	4 600.8	223.8	4 824.6
Not in the labour force (NILF)	35.6	84.7	120.3	77.7	198.1	2 861.1	3 059.1
Total	2 428.3	2 113.0	4 541.3	257.5	4 798.8	3 084.8	7 883.7
Unmatched sample							
Unmatched in common sample	222.7	132.3	355.0	26.1	381.2	423.1	804.2
Incoming rotation group	361.9	301.7	663.6	43.7	707.3	439.5	1 146.8
Total	584.6	434.0	1 018.6	69.9	1 088.5	862.6	1 951.1
Civilian population aged 15 years and over	3 012.9	2 547.0	5 559.9	327.4	5 887.3	3 947.4	9 834.8

	EMPLOYED TOTAL		EMPLOYED FULL-TIME		EMPLOYED PART-TIME	
	Trend	Seasonally adjusted	Trend	Seasonally adjusted	Trend	Seasonally adjusted
	millions	millions	millions	millions	millions	millions
PERSONS						
December 2012	1 582.6	1 583.7	1 345.6	1 347.1	236.9	236.5
December 2013	1 588.1	1 589.1	1 339.9	1 340.3	248.2	248.8
2014						
December	1 605.3	1 591.1	1 349.2	1 336.9	256.1	254.2
2015						
January	1 610.8	1 624.7	1 353.7	1 364.0	257.1	260.7
February	1 616.0	1 617.0	1 358.1	1 359.5	257.8	257.5
March	1 619.9	1 621.1	1 361.3	1 363.1	258.6	258.0
April	1 621.9	1 620.5	1 362.6	1 362.6	259.3	257.9
May	1 623.0	1 622.6	1 363.0	1 362.1	260.0	260.6
June	1 624.7	1 627.4	1 363.8	1 366.5	260.9	260.9
July	1 628.1	1 624.9	1 366.1	1 361.7	262.0	263.2
August	1 633.1	1 624.7	1 369.9	1 363.1	263.2	261.7
September	1 638.3	1 638.1	1 374.1	1 373.7	264.2	264.4
October	1 643.1	1 657.9	1 378.0	1 392.5	265.1	265.4
November	1 647.1	1 644.9	1 381.2	1 377.3	265.9	267.6
December	1 649.9	1 645.2	1 383.4	1 380.0	266.5	265.1
MALES						
December 2012	970.4	970.1	901.4	902.1	68.9	67.9
December 2013	969.9	969.5	894.6	894.2	75.4	75.3
2014						
December	979.0	972.3	902.6	896.9	76.4	75.4
2015						
January	981.5	986.3	904.9	908.0	76.6	78.3
February	983.6	983.6	906.8	907.0	76.8	76.6
March	984.9	987.3	907.7	910.8	77.1	76.5
April	985.1	983.8	907.6	906.7	77.5	77.1
May	985.2	984.2	907.3	906.1	77.9	78.1
June	985.7	987.9	907.5	909.1	78.2	78.7
July	987.1	984.6	908.4	905.6	78.7	79.0
August	989.3	984.2	910.2	905.9	79.1	78.2
September	991.5	992.7	912.1	912.8	79.5	79.9
October	993.4	1 003.8	913.5	924.7	79.9	79.1
November	994.7	990.1	914.5	908.6	80.2	81.5
December	995.5	993.1	915.0	913.0	80.5	80.2
FEMALES						
December 2012	612.2	613.6	444.2	445.0	168.0	168.6
December 2013	618.2	619.6	445.4	446.1	172.8	173.4
2014						
December	626.3	618.7	446.6	439.9	179.7	178.8
2015						
January	629.3	638.3	448.8	455.9	180.5	182.4
February	632.4	633.4	451.4	452.5	181.0	180.9
March	635.1	633.7	453.6	452.2	181.5	181.5
April	636.8	636.7	455.0	455.8	181.8	180.8
May	637.8	638.4	455.7	456.0	182.1	182.5
June	639.0	639.5	456.3	457.4	182.6	182.1
July	641.0	640.3	457.6	456.2	183.4	184.1
August	643.8	640.6	459.7	457.1	184.1	183.5
September	646.8	645.5	462.0	460.9	184.8	184.5
October	649.7	654.1	464.4	467.8	185.3	186.3
November	652.3	654.8	466.7	468.7	185.7	186.1
December	654.4	652.0	468.5	467.0	185.9	185.0

MONTHLY HOURS WORKED IN ALL JOBS

	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
	millions	millions	millions	millions	millions	millions	millions	millions	millions
TREND									
December 2012	496.5	385.3	324.6	108.6	189.2	30.4	19.4	28.6	1 582.6
December 2013	494.9	389.6	329.4	108.2	188.5	30.0	20.0	27.6	1 588.1
2014									
December	500.9	394.7	328.1	109.3	193.0	31.6	19.8	27.9	1 605.3
2015									
January	501.4	397.3	330.1	109.2	193.1	31.6	20.0	28.0	1 610.8
February	502.4	399.4	332.0	109.2	193.1	31.6	20.2	28.1	1 616.0
March	504.3	400.7	332.8	109.0	193.0	31.5	20.4	28.2	1 619.9
April	507.0	401.3	332.3	108.5	192.7	31.4	20.4	28.2	1 621.9
May	510.4	401.1	331.3	107.9	192.3	31.3	20.4	28.2	1 623.0
June	513.7	400.9	330.8	107.3	191.9	31.4	20.4	28.2	1 624.7
July	516.9	401.0	331.7	107.0	191.4	31.6	20.3	28.2	1 628.1
August	519.8	401.5	333.4	107.1	191.0	31.7	20.3	28.2	1 633.1
September	522.2	402.2	335.4	107.4	190.7	31.7	20.2	28.3	1 638.3
October	524.4	402.9	337.3	107.7	190.4	31.7	20.2	28.5	1 643.1
November	526.5	403.4	338.7	107.9	190.0	31.7	20.2	28.6	1 647.1
December	528.1	403.7	340.0	108.1	189.6	31.5	20.2	28.8	1 649.9
SEASONALLY ADJUSTED									
December 2012	495.6	386.9	324.3	109.0	189.0	30.4	np	np	1 583.7
December 2013	494.4	390.9	329.8	108.3	187.8	30.0	np	np	1 589.1
2014									
December	494.1	392.8	325.5	107.0	192.9	31.4	np	np	1 591.1
2015									
January	506.5	399.1	337.0	109.1	193.2	31.7	np	np	1 624.7
February	502.6	399.3	333.7	109.2	192.4	31.8	np	np	1 617.0
March	502.9	403.0	331.0	111.3	192.2	31.6	np	np	1 621.1
April	506.1	402.1	329.5	108.8	193.9	31.4	np	np	1 620.5
May	508.2	398.3	336.1	107.6	192.9	30.8	np	np	1 622.6
June	515.1	401.7	333.5	105.1	192.1	31.4	np	np	1 627.4
July	520.7	401.5	323.4	107.7	191.1	31.7	np	np	1 624.9
August	518.8	399.9	331.0	106.7	189.2	31.5	np	np	1 624.7
September	522.0	401.6	335.8	107.9	189.7	32.4	np	np	1 638.1
October	522.7	404.3	346.8	107.8	195.1	31.7	np	np	1 657.9
November	526.4	405.1	336.8	108.5	188.3	31.2	np	np	1 644.9
December	530.7	402.0	336.4	107.3	188.3	31.5	np	np	1 645.2

np not available for publication but included in totals where applicable, unless otherwise indicated

	UNDEREMPLOYED TOTAL			UNDEREMPLOYMENT RATE			UNDERUTILISATION RATE		
	Trend	Seasonally adjusted	Original	Trend	Seasonally adjusted	Original	Trend	Seasonally adjusted	Original
	'000	'000	'000	%	%	%	%	%	%
PERSONS									
November 2011	859.7	865.1	853.2	7.2	7.3	7.2	12.5	12.6	12.1
November 2012	863.2	871.2	861.2	7.2	7.2	7.2	12.5	12.5	12.1
November 2013	940.9	929.0	923.2	7.7	7.6	7.6	13.6	13.5	13.1
2014									
May	970.7	955.9	937.4	7.9	7.8	7.6	13.9	13.8	13.5
August	1 010.0	1 015.8	1 041.4	8.2	8.3	8.5	14.4	14.4	14.4
November	1 040.9	1 051.8	1 077.5	8.4	8.5	8.8	14.7	14.9	14.6
2015									
February	1 056.4	1 052.5	1 042.7	8.5	8.5	8.3	14.7	14.6	15.0
May	1 059.5	1 054.2	1 031.7	8.5	8.5	8.3	14.5	14.4	14.1
August	1 064.1	1 068.7	1 020.9	8.5	8.5	8.2	14.4	14.4	14.3
November	1 068.8	1 068.0	1 093.8	8.5	8.5	8.7	14.3	14.3	14.1
MALES									
November 2011	353.8	351.3	342.7	5.5	5.5	5.3	10.6	10.6	10.1
November 2012	347.9	351.5	343.9	5.3	5.4	5.3	10.7	10.7	10.3
November 2013	386.8	380.6	374.9	5.9	5.8	5.7	11.8	11.7	11.3
2014									
May	404.1	393.9	386.8	6.1	6.0	5.9	12.0	11.8	11.5
August	425.4	431.1	440.3	6.4	6.5	6.6	12.5	12.6	12.6
November	439.9	444.9	449.1	6.6	6.7	6.7	12.8	13.0	12.7
2015									
February	443.7	443.6	438.3	6.6	6.6	6.5	12.8	12.7	13.0
May	442.0	435.7	425.5	6.6	6.5	6.3	12.6	12.5	12.1
August	444.0	446.4	416.5	6.6	6.6	6.2	12.4	12.5	12.4
November	447.5	449.2	453.7	6.6	6.6	6.7	12.4	12.4	12.1
FEMALES									
November 2011	505.9	513.8	510.4	9.3	9.5	9.4	14.8	14.9	14.4
November 2012	515.3	519.8	517.3	9.3	9.4	9.4	14.7	14.7	14.3
November 2013	554.2	548.4	548.3	9.9	9.8	9.9	15.8	15.6	15.1
2014									
May	566.6	562.0	550.6	10.1	10.0	9.7	16.2	16.1	15.8
August	584.5	584.7	601.0	10.4	10.4	10.6	16.6	16.5	16.5
November	601.0	606.9	628.4	10.6	10.8	11.2	16.9	17.1	16.9
2015									
February	612.7	608.9	604.4	10.8	10.7	10.5	16.9	16.9	17.3
May	617.5	618.5	606.3	10.8	10.8	10.5	16.8	16.8	16.4
August	620.1	622.3	604.5	10.7	10.8	10.5	16.7	16.8	16.5
November	621.3	618.8	640.1	10.6	10.5	10.9	16.7	16.6	16.4

	UNDEREMPLOYED TOTAL			UNDEREMPLOYMENT RATE			UNDERUTILISATION RATE		
	Trend	Seasonally adjusted	Original	Trend	Seasonally adjusted	Original	Trend	Seasonally adjusted	Original
	'000	'000	'000	%	%	%	%	%	%
PERSONS									
New South Wales	308.4	300.5	306.6	7.7	7.5	7.6	13.2	12.8	12.6
Victoria	287.1	294.3	305.6	9.0	9.3	9.6	15.0	15.3	15.4
Queensland	212.6	206.6	208.7	8.4	8.2	8.3	14.4	14.1	13.7
South Australia	91.6	95.6	96.1	10.5	10.9	11.0	17.9	18.2	17.9
Western Australia	120.6	126.0	127.9	8.4	8.8	9.0	14.2	14.9	14.5
Tasmania	27.5	27.3	28.1	10.7	10.6	10.9	17.5	17.3	17.4
Northern Territory	6.2	np	7.6	4.5	np	5.5	8.7	np	9.2
Australian Capital Territory	13.3	np	13.3	6.0	np	6.0	10.8	np	10.6
Australia	1 068.8	1 068.0	1 093.8	8.5	8.5	8.7	14.3	14.3	14.1
MALES									
New South Wales	130.5	128.2	127.3	6.1	6.0	6.0	11.2	11.0	10.7
Victoria	116.8	118.4	118.6	6.8	6.9	6.9	12.5	12.9	12.9
Queensland	92.1	90.7	89.4	6.9	6.8	6.7	13.1	12.7	12.2
South Australia	40.6	43.5	42.7	8.7	9.4	9.2	16.3	17.0	16.4
Western Australia	48.8	52.6	53.4	6.1	6.6	6.8	11.7	12.0	11.7
Tasmania	11.6	12.0	12.3	8.4	8.7	8.9	15.6	15.7	15.7
Northern Territory	3.0	np	4.1	4.0	np	5.4	8.7	np	9.2
Australian Capital Territory	6.7	np	5.9	5.9	np	5.3	11.0	np	10.7
Australia	447.5	449.2	453.7	6.6	6.6	6.7	12.4	12.4	12.1
FEMALES									
New South Wales	178.0	172.3	179.3	9.6	9.2	9.6	15.5	14.9	14.7
Victoria	170.4	176.0	187.0	11.6	12.0	12.8	17.8	18.2	18.4
Queensland	120.5	115.9	119.3	10.2	9.8	10.1	16.0	15.7	15.4
South Australia	51.1	52.2	53.5	12.5	12.7	13.0	19.7	19.6	19.5
Western Australia	71.8	73.4	74.5	11.2	11.4	11.7	17.2	18.5	18.0
Tasmania	15.9	15.3	15.8	13.3	12.8	13.1	19.7	19.2	19.3
Northern Territory	3.2	np	3.5	5.1	np	5.5	8.7	np	9.2
Australian Capital Territory	6.6	np	7.4	6.0	np	6.8	10.6	np	10.5
Australia	621.3	618.8	640.1	10.6	10.5	10.9	16.7	16.6	16.4

np not available for publication but included in totals where applicable, unless otherwise indicated

WHAT IF...? REVISIONS TO TREND ESTIMATES

EFFECT OF NEW SEASONALLY ADJUSTED ESTIMATES ON TREND ESTIMATES

TREND REVISIONS

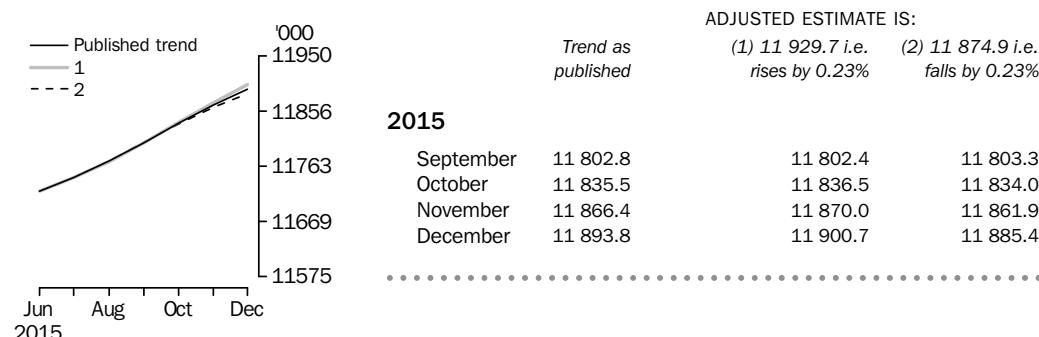
Each time new seasonally adjusted estimates become available, trend estimates are revised. This revision is a combined result of the concurrent seasonal adjustment process and the application of surrogates of the Henderson average to the seasonally adjusted series (see paragraphs 28 to 37 of the Explanatory Notes).

The examples in the tables below show two illustrative scenarios and the consequent revisions to previous trend estimates of employment and the unemployment rate. The revisions in the scenarios are due to the use of surrogates of the Henderson average, as the impact of revision of seasonally adjusted estimates can not be estimated in advance.

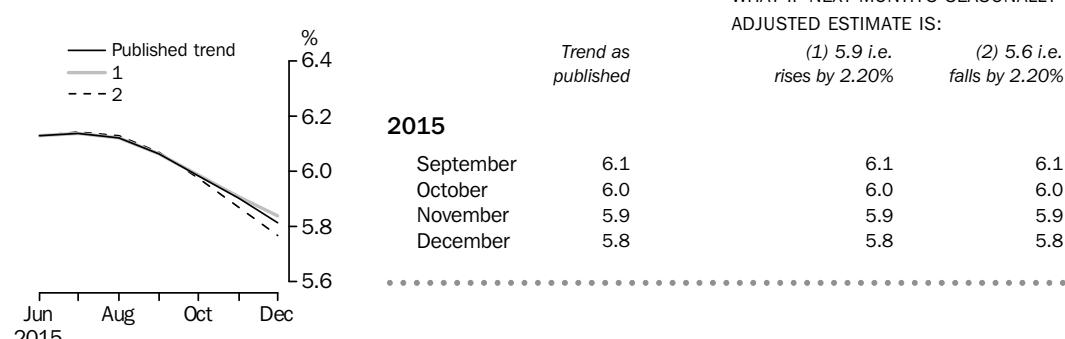
- (1) The January seasonally adjusted estimate is *higher* than the December estimate by:
0.23% for employment
2.20% for the unemployment rate
- (2) The January seasonally adjusted estimate is *lower* than the December estimate by:
0.23% for employment
2.20% for the unemployment rate

The percentage changes of 0.23% and 2.20% represent the average absolute monthly percentage changes in employment and the unemployment rate respectively. Estimates in the graphs have been calculated using unrounded estimates, and may be different from, but more accurate than, rounded estimates depicted in the corresponding table.

EMPLOYMENT



UNEMPLOYMENT RATE



EXPLANATORY NOTES

INTRODUCTION

1 This publication contains estimates of the civilian labour force derived from the Labour Force Survey component of the Monthly Population Survey. The full time series for estimates from this publication are also available electronically. More detailed estimates are released one week after this publication in various electronic formats – see *Labour Force, Australia, Detailed – Electronic Delivery* (cat. no. 6291.0.55.001) and *Labour Force, Australia, Detailed, Quarterly* (cat. no. 6291.0.55.003).

CONCEPTS, SOURCES AND METHODS

2 The conceptual framework used in Australia's Labour Force Survey aligns closely with the standards and guidelines set out in Resolutions of International Conferences of Labour Statisticians. Descriptions of the underlying concepts and structure of Australia's labour force statistics, and the sources and methods used in compiling the estimates, are presented in *Labour Statistics: Concepts, Sources and Methods* (cat. no. 6102.0.55.001) which is available on the ABS website <<http://www.abs.gov.au>>.

LABOUR FORCE SURVEY

3 The Labour Force Survey is based on a multi-stage area sample of private dwellings (currently approximately 26,000 houses, flats, etc.) and a list sample of non-private dwellings (hotels, motels, etc.), and covers approximately 0.32% of the civilian population of Australia aged 15 years and over.

4 Information is obtained from the occupants of selected dwellings by specially trained interviewers using computer-assisted interviewing, or self-completion online.

5 Households selected for the Labour Force Survey are interviewed each month for eight months, with one-eighth of the sample being replaced each month. The first interview is generally conducted face-to-face. Subsequent interviews are conducted by telephone (if acceptable to the respondent).

6 From December 2012 to April 2013, the ABS conducted a trial of online electronic data collection. Respondents in one rotation group (i.e. one-eighth of the survey sample) were offered the option of self completing their labour force survey questionnaire online instead of via a face-to-face or telephone interview. From May 2013, the ABS expanded the offer of online electronic collection to 50% of each new incoming rotation group. For more information see the article in the April 2013 issue of this publication. From September 2013, online electronic collection has been offered to 100% of private dwellings in each incoming rotation group. From April 2014, 100% of private dwellings are being offered online electronic collection.

7 The interviews are generally conducted during the two weeks beginning on the Sunday between the 5th and 11th of each month. The information obtained relates to the week before the interview (i.e. the reference week). Each year, to deal with operational difficulties involved with collecting and processing the Labour Force Survey around the Christmas and New Year holiday period, interviews for December start four weeks after November interviews start (i.e. between the 3rd and 9th December), and January interviews start five weeks after December interviews start. As a result, January interviewing may commence as early as the 7th or as late as the 13th, depending on the year. Occasionally, circumstances that present significant operational difficulties for survey collection can result in a change to the normal pattern for the start of interviewing.

8 Estimates from the Labour Force Survey are usually published first in this publication 32 days after the commencement of interviews for that month, with the exception of estimates for each December which are usually published 39 days after the commencement of interviews.

EXPLANATORY NOTES *continued*

SCOPE OF SURVEY

9 The Labour Force Survey includes all persons aged 15 years and over except members of the permanent defence forces, certain diplomatic personnel of overseas governments customarily excluded from census and estimated population counts, overseas residents in Australia, and members of non-Australian defence forces (and their dependants) stationed in Australia.

COVERAGE

10 In the Labour Force Survey, coverage rules are applied which aim to ensure that each person is associated with only one dwelling, and hence has only one chance of selection. The coverage rules are necessarily a balance between theoretical and operational considerations. Nevertheless, the chance of a person being enumerated at two separate dwellings in the survey is considered to be negligible.

POPULATION BENCHMARKS

11 The Labour Force Survey estimates are calculated in such a way as to add to independent estimates of the civilian population aged 15 years and over (population benchmarks). These population benchmarks are based on the most recently released estimates of Final, Revised and Preliminary quarterly Estimated Resident Population (ERP). For information on the methodology used to produce the ERP see *Australian Demographic Statistics* (cat. no. 3101.0). Since the most recently released ERP estimates lag the current time period for Labour Force estimates by nine months, the Labour Force population benchmarks are created by projecting forward three quarters past the most recently released quarterly ERP estimates. The projection is based on the historical pattern of each population component – births, deaths, interstate migration and net overseas migration (NOM). Projected estimates of NOM are supplemented with other data sources to better forecast population changes in the short-term. The main data source is the forecasts published by the Department of Immigration & Border Protection in the publication *The Outlook for Net Overseas Migration*.

12 Commencing in March 2010, the ERP series has been revised twice-yearly, in the March and September quarter issues of *Australian Demographic Statistics* (cat. no. 3101.0). This biannual revision cycle incorporates more up to date information available for NOM. This updated information is included in the population benchmarks used in creating the Labour Force estimates when they are rebenchmarked.

13 Every five years, the ERP series are revised to incorporate additional information available from the latest Census of Population and Housing (Census). Labour Force Survey population benchmarks, and the estimates, are revised following this five-yearly revision in the ERP. The process of incorporating the revised population benchmarks is referred to as 'rebasing'. From the January 2014 issue of this publication, labour force estimates have been compiled using population benchmarks based on the results of the 2011 Census. Revisions were made to historical Labour Force estimates from June 2006 to December 2013. In addition, estimates from July 1991 to May 2006 were revised to reflect population benchmarks based on ERP revised following the 2011 Census. The next rebasing based on the Census will be following the release of the 2016 Census-based ERP estimates, which will incorporate revisions back five years. For more information on revised ERP estimates, refer to the June 2012 issue of *Australian Demographic Statistics* (cat. no. 3101.0) released in December 2012.

14 In between Censuses, the ABS revises the Labour Force population benchmarks using the latest ERP according to the paragraphs above. These were introduced in the July 2010, November 2012 and April 2013 issues. The revisions planned for the October 2013, April 2014 and November 2014 issues were not implemented (see *What's New in the Labour Force* in the September 2013 issue and *Changes in this Issue* in the October 2014 issue of this publication). From the February 2015 issue, rebenchmarking will be undertaken quarterly in the February, May, August and November issues apart from May 2015. For more information, refer to the article *Rebenchmarking of Labour Force Series* in the February 2015 issue of this publication.

EXPLANATORY NOTES *continued*

ESTIMATION METHOD

15 The estimation method used in the Labour Force Survey is Composite Estimation, which was introduced in May 2007. In January 2014 composite estimation was applied to all estimates from July 1991 as part of the 2011 Census rebenchmarking. Composite Estimation combines data collected in the previous six months with current month's data to produce the current month's estimates, thereby exploiting the high correlation between overlapping samples across months in the Labour Force Survey. The Composite Estimator combines the previous and current months' data by applying different factors according to length of time in the survey. After these factors are applied, the seven months of data are weighted to align with current month population benchmarks. For details see *Information Paper: Forthcoming Changes to Labour Force Statistics, 2007* (cat. no. 6292.0).

COMPARABILITY OF SERIES

16 From April 1986, the definition of employed persons was changed to include persons who worked without pay between 1 and 14 hours per week in a family business or on a farm (i.e. contributing family workers). For further information, see paragraphs 22 and 23 of the Explanatory Notes in the February 2003 issue of *Labour Force, Australia* (cat. no. 6203.0).

17 The ABS introduced telephone interviewing into the Labour Force Survey in August 1996. Implementation was phased in for each new sample group from August 1996 to February 1997. During the period of implementation, the new method produced different estimates than would have been obtained under the old methodology. The effect dissipated over the final months of implementation and was no longer discernible from February 1997. The estimates for February 1997 and onwards are directly comparable to estimates for periods prior to August 1996. For further details, see the feature article in the June 1997 issue of *Labour Force, Australia* (cat. no. 6203.0).

18 From April 2001 the Labour Force Survey was conducted using a redesigned questionnaire containing additional data items and some minor definitional changes. The definition of unemployed persons was changed to include all persons who were waiting to start work and were available to start in the reference week. This change was introduced in February 2004, when historical unit record data were revised from April 2001 to January 2004. This revision created a small trend break at April 2001 in unemployed persons and unemployment rate series. For further details, see *Information Paper: Forthcoming Changes to Labour Force Statistics, 2003* (cat. no. 6292.0), released in December 2003. From July 2014 the Labour Force Survey questionnaire was further redesigned and definitional changes made to active job search steps and duration of job search. For further details, see the Glossary and *Information Paper: Forthcoming Changes to Labour Force Statistics, June 2014* (cat. no. 6292.0), released in October 2014.

19 Core labour force series were revised in April 2001 for the period April 1986 to March 2001 for the remaining definitional changes introduced with the redesigned questionnaire, to reduce the impact of the changes on labour force series. For further details, see *Information Paper: Implementing the Redesigned Labour Force Survey Questionnaire* (cat. no. 6295.0) and the 2004 issue of *Information Paper: Questionnaires Used in the Labour Force Survey* (cat. no. 6232.0).

20 In May 2007, an improved method of estimation, known as composite estimation, was introduced into the Labour Force Survey. In introducing this change, the ABS revised unit record data from April 2001 to April 2007 based on the new estimation method. No change was identified in the trend breaks in the unemployed persons and unemployment rate series which arose with the introduction of a redesigned survey form in April 2001 (as noted above in paragraph 18). In January 2014 composite estimation was applied to all estimates from July 1991 as part of the 2011 Census rebenchmarking.

EXPLANATORY NOTES *continued*

COMPARABILITY OF SERIES *continued*

For further details, see *Information Paper: Forthcoming Changes to Labour Force Statistics, 2007* (cat. no. 6292.0).

21 As one of a range of ABS savings initiatives for the 2008–09 financial year, there was a 24% reduction in the LFS sample size for the period July 2008 to August 2009, relative to the June 2008 sample size. The sample reduction was reversed from September 2009 to December 2009, with December 2009 estimates being the first produced under the fully reinstated sample.

LABOUR FORCE SURVEY SAMPLE

22 The current Labour Force Survey sample has been selected using information collected in the 2011 Census of Population and Housing.

23 The sample was introduced over four months – May 2013 to August 2013. Two rotation groups (i.e. one-quarter of the survey sample) were introduced each month. During the sample phase-in, the increased sample rotation had an impact on the quality of estimates. Movement standard errors increased by approximately 10%, representing, for example, an increase on the standard error on the Australian monthly change in employment for May 2013 from 27,000 to approximately 29,700.

24 Due to the use of composite estimation, there was a marginal impact on the quality of level estimates. Gross Flows analysis were impacted by the sample phase-in with between 60% to 70% of the sample available for matching between the current and previous months instead of the usual 80%. After full transition to the new sample, the quality of level and movement estimates is at the level designed for under the 2011 sample design and are of similar quality as the 2006 sample design. For further details, see *Information Paper: Labour Force Survey Sample Design* (cat. no. 6269.0) released on 30 May 2013.

RELIABILITY OF ESTIMATES

25 Two types of error are possible in an estimate based on a sample survey: sampling error and non-sampling error.

26 Sampling error occurs because a sample, rather than the entire population, is surveyed. One measure of the likely difference resulting from not including all dwellings in the survey is given by the standard error. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included in the survey, and about nineteen chances in twenty that the difference will be less than two standard errors. Standard errors of key estimates for the latest month and of movements since the previous month of these estimates are shown in the standard errors section of this publication. Standard errors for other estimates and other movements may be calculated by using the spreadsheet contained in *Labour Force Survey Standard Errors, Data Cube* (cat. no. 6298.0.55.001) which is available free of charge on the ABS website <<http://www.abs.gov.au>>.

27 Non-sampling error arises from inaccuracies in collecting, recording and processing the data. Every effort is made to minimise reporting error by the careful design of questionnaires, intensive training and supervision of interviewers, and efficient data processing procedures. Non-sampling error also arises because information cannot be obtained from all persons selected in the survey. The Labour Force Survey receives a high level of co-operation from individuals in selected dwellings, with the average response rate over the last year being 94%. See Glossary for definition of response rate.

SEASONAL ADJUSTMENT AND TREND ESTIMATION

28 Any original time series can be thought of as a combination of three broad and distinctly different types of behaviour, each representing the impact of certain types of real world events on the information being collected: systematic calendar related events, short-term irregular fluctuations and long-term cyclical behaviour. A multiplicative decomposition model is applied in the seasonal adjustment of Labour Force Time Series, where the original time series (O) is considered as the product of the underlying trend

EXPLANATORY NOTES *continued*

SEASONAL ADJUSTMENT AND TREND ESTIMATION *continued*

(T), a systematic calendar related or seasonal component (S) and an irregular component (I). This can be expressed as $O = T*S*I$. The contributions of each of these behaviours varies from series to series, as well as throughout time for a given series, depending on the nature of the interactions of real world events and the data of interest.

29 Seasonal adjustment is a statistical technique that attempts to measure and remove the effects of systematic calendar related patterns including seasonal variation to reveal how a series changes from period to period. Seasonal adjustment does not aim to remove the irregular or non-seasonal influences which may be present in any particular month. This means that month-to-month movements of the seasonally adjusted estimates may not be reliable indicators of trend behaviour.

30 The Labour Force Survey uses the concurrent seasonal adjustment method to derive seasonal factors. Concurrent seasonal adjustment uses data up to the current month to estimate seasonal factors for the current and all previous months. This process can result in revisions each month to estimates for earlier periods. However, in most instances, the only noticeable revisions will be to the seasonally adjusted estimates for the previous month and one year prior to the current month. From the March 2015 issue of this publication, the effects of supplementary surveys are removed prior to the estimation of seasonal factors for key Labour Force series from February 1978 onwards. While this methodology has addressed short term volatility in the seasonally adjusted series arising from changes to the timing and content of the supplementary survey program, in general prior corrections and resulting changed seasonal patterns can be identified and measured to a more reliable degree of certainty after three successive observations (in this case after three years). For further details refer to the October and December 2014 issues of this publication.

31 The revision properties of the seasonally adjusted and trend estimates can be improved by the use of Autoregressive Integrated Moving Average (ARIMA) modelling. ARIMA modelling relies on the characteristics of the series being analysed to project future period data. The projected values are temporary, intermediate values, that are only used internally to improve the estimation of the seasonal factors. The projected data do not affect the original estimates and are discarded at the end of the seasonal adjustment process. The Labour Force Survey uses an ARIMA model for the majority of the individual time series. The ARIMA model is assessed as part of the annual reanalysis. For further details, see the feature article in the October 2004 issue of *Australian Economic Indicators* (cat. no. 1350.0).

32 Seasonal adjustment is able to remove the effect of events which occur at the same time in the survey every year. However, there are some events, like holidays, which are not always at the same time in the survey cycle or which are not at the same time across Australia. The effects of these types of events on Labour Force Survey estimates cannot in all cases be removed, because the pattern of their effects cannot be determined. However, two events for which adjustment is made in the seasonally adjusted series are the January interview start date and the timing of Easter. For further details, see *Information Paper: Forthcoming Changes to Labour Force Statistics* (cat. no. 6292.0) released in December 2003.

33 While seasonal factors for the complete time series are estimated each month, they will continue to be reviewed annually at a more detailed level to take into account each additional year's original data. This annual review will not normally result in significant changes to published estimates. The review is usually conducted early each year with the results released in this publication shortly thereafter.

EXPLANATORY NOTES *continued*

SEASONAL ADJUSTMENT AND TREND ESTIMATION *continued*

34 The smoothing of seasonally adjusted series to produce 'trend' series reduces the impact of the irregular component of the seasonally adjusted series. These trend estimates are derived by applying a 13-term Henderson-weighted moving average to all months except the last six. The last six monthly trend estimates are obtained by applying surrogates of the Henderson average to the seasonally adjusted series. Trend estimates are used to analyse the underlying behaviour of a series over time.

35 While this smoothing technique enables estimates to be produced for the latest month, it does result in revisions in addition to those caused by the revision of seasonally adjusted estimates. Generally, revisions due to the use of surrogates of the Henderson average become smaller, and after three months have a negligible impact on the series.

36 Trend estimates are published for the Northern Territory in table 10 and for the Australian Capital Territory in table 11. Unadjusted series for the two Territories have shown, historically, a high degree of variability, which can lead to considerable revisions to the seasonally adjusted estimates each month when seasonal factors are estimated. For this reason, seasonally adjusted estimates are not currently published for the two Territories. In addition, caution should be exercised in the interpretation of trend estimates for the two Territories, particularly for the three most recent months, where revisions may be relatively large.

37 For further information, see *A Guide to Interpreting Time Series – Monitoring Trends* (cat. no. 1349.0) or contact the Assistant Director, Time Series Analysis on (02) 6252 6345 or email time.series.analysis@abs.gov.au.

RELATED PUBLICATIONS

38 Users may also wish to refer to the following publications:

- *Labour Force Survey Standard Products and Data Item Guide* (cat.no. 6103.0). This publication is a reference guide for users of Labour Force Survey data standard products.
- *Australian Labour Market Statistics* (cat. no. 6105.0). This publication presents key indicators of the labour market, articles on a range of labour market issues, and information about the latest developments in the labour statistics program. For further information about this publication, please contact Labour Market Statistics on (02) 6252 7206.

39 ABS information about the labour market can be found on the Topics @ a Glance page on the ABS website <<http://www.abs.gov.au>>.

40 Information about current publications and other products released by the ABS is available from the statistics page on the ABS website. The ABS also issues a daily release advice on the website, Upcoming Product Releases, which details products to be released in the week ahead.

DATA AVAILABLE ON REQUEST

41 As well as the statistics included in this and related publications, the ABS may have other relevant data available. Inquiries should be made to the Labour Force contact officer on (02) 6252 6525, email labourforce@abs.gov.au or to any ABS office.

EFFECTS OF ROUNDING

42 Estimates have been rounded and discrepancies may occur between sums of the component items and totals. Estimates of movement shown in this publication are obtained by taking the difference of unrounded estimates. The movement estimate is then rounded. Where a discrepancy occurs between the reported movement and the difference of the rounded estimates, the reported movement will be more accurate.

EXPLANATORY NOTES *continued*

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SYMBOLS AND ABBREVIATIONS

43 SYMBOLS AND ABBREVIATIONS

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	<i>Symbol</i>	<i>Definition</i>
	'000	thousands
	%	percentage
	ABS	Australian Bureau of Statistics
	CAI	computer assisted interviewing
	cat. no.	catalogue number
	Civ. pop.	civilian population
	ERP	estimated resident population
	Emp. to pop. ratio	employment to population ratio
	f/t	full time
	LFS	Labour Force Survey
	NILF	not in the Labour Force
	Part. rate	participation rate
	p/t	part time
	pts	percentage points
	Seas adj.	seasonally adjusted
	TAFE	Technical and Further Education
	Unemp. rate	unemployment rate

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STANDARD ERRORS

STANDARD ERRORS

The estimates in this publication are based on information gained from the occupants of a sample survey of dwellings. Because the entire population is not surveyed, the published original, seasonally adjusted and trend estimates are subject to sampling error. The most common way of quantifying such sampling error is to calculate the standard error for the published estimate or statistic. For more information, see paragraphs 25 to 27 of the Explanatory Notes.

LEVEL ESTIMATES

To illustrate, let us say the published level estimate for employed persons aged 15–19 years is 700,000 and the associated standard error is 9,000. The standard error is then used to interpret the level estimate of 700,000. For instance, the standard error of 9,000 indicates that:

- There are approximately two chances in three that the real value falls within the range 691,000 to 709,000 ($700,000 + \text{or} - 9,000$)
- There are approximately nineteen chances in twenty that the real value falls within the range 682,000 to 718,000 ($700,000 + \text{or} - 18,000$).

The real value in this case is the result we would obtain if we could enumerate the total population.

The following table shows the standard errors for this month's level estimates.

	AUSTRALIA										
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Males	Females	Persons
Aged 15 years and over											
Employed											
Full time	'000	25.9	18.6	17.4	7.4	11.3	2.9	2.4	2.8	32.1	23.6
Part time	'000	18.3	12.1	11.9	5.6	8.3	2.2	0.8	2.0	13.6	21.4
Total	'000	28.3	22.7	20.0	8.6	12.4	3.4	2.8	3.0	35.0	32.8
Unemployed											
Looking for f/t work	'000	8.6	7.7	7.9	3.2	5.1	1.2	0.6	1.0	11.7	9.9
Looking for p/t work	'000	5.6	5.4	4.7	2.2	2.7	0.8	0.3	0.8	6.3	7.4
Total	'000	10.4	9.5	8.9	3.8	5.8	1.4	0.7	1.3	13.3	12.4
Labour force	'000	28.6	23.4	20.4	8.8	12.6	3.5	2.9	3.0	35.9	33.6
Not in labour force	'000	24.2	21.1	22.4	8.2	11.8	3.5	3.1	3.1	30.7	35.5
Unemployment rate											
Looking for f/t work	pts	0.3	0.4	0.4	0.6	0.5	0.7	0.5	0.6	0.2	0.3
Looking for p/t work	pts	0.5	0.5	0.6	0.7	0.6	0.8	1.0	1.2	0.5	0.3
Total	pts	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.2	0.1
Participation rate	pts	0.5	0.5	0.5	0.6	0.6	0.8	1.6	1.0	0.4	0.3
Aged 15–19 years											
Employed											
Full time	'000	4.2	2.1	2.9	1.1	1.8	0.5	0.2	0.4	5.0	4.1
Part time	'000	5.8	3.6	4.3	1.9	2.6	0.7	0.2	0.8	6.3	7.3
Total	'000	6.9	4.0	5.1	2.1	3.1	0.8	0.3	0.8	7.6	7.9
Unemployed											
Looking for f/t work	'000	2.6	2.4	3.3	1.0	1.8	0.4	0.2	0.3	4.3	3.2
Looking for p/t work	'000	3.5	3.5	2.7	1.5	1.7	0.6	0.2	0.5	4.5	4.4
Total	'000	4.5	4.3	4.4	1.8	2.5	0.7	0.3	0.6	6.2	5.4
Labour force	'000	7.5	4.6	5.7	2.3	3.5	1.0	0.3	0.9	8.4	8.5
Not in labour force	'000	9.1	5.6	7.2	2.7	3.9	1.0	0.6	1.1	10.1	9.3
Unemployment rate											
Looking for f/t work	pts	3.2	5.0	4.6	6.8	5.3	7.2	5.2	13.5	2.5	3.4
Looking for p/t work	pts	1.9	2.2	2.0	3.0	2.6	3.8	3.3	4.2	1.7	1.2
Total	pts	1.7	2.1	2.2	2.8	2.5	3.4	3.0	4.2	1.4	1.2
Participation rate	pts	1.6	1.3	1.8	2.2	2.2	2.9	2.1	3.9	1.1	1.2
Unemployment to population ratio – looking for f/t work	pts	0.6	0.7	1.1	0.9	1.2	1.3	1.3	1.4	0.6	0.4

STANDARD ERRORS *continued*

MOVEMENT ESTIMATES

The following example illustrates how to use the standard error to interpret a movement estimate. Let us say that one month the published level estimate for females employed part-time in Australia is 1,890,000; the next month the published level estimate is 1,900,000 and the associated standard error for the movement estimate is 11,900. The standard error is then used to interpret the published movement estimate of 10,000. For instance, the standard error of 11,900 indicates that:

- There are approximately two chances in three that the real movement between the two months falls within the range – 1,900 to 21,900 (10,000 + or – 11,900)
- There are approximately nineteen chances in twenty that the real movement falls within the range – 13,800 to 33,800 (10,000 + or – 23,800).

The following table shows the standard errors for this month's movement estimates.

AUSTRALIA											
	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Males	Females	Persons
Aged 15 years and over											
Employed											
Full time	'000	15.3	12.2	9.4	3.9	6.7	1.7	1.8	18.7	13.9	23.8
Part time	'000	9.7	8.5	5.9	2.9	4.3	1.3	0.9	8.7	12.8	15.4
Total	'000	18.3	15.0	12.9	5.6	8.7	2.2	2.0	20.7	19.1	29.3
Unemployed											
Looking for f/t work	'000	8.9	7.7	7.3	3.3	5.3	1.2	0.7	11.6	9.8	15.3
Looking for p/t work	'000	5.7	5.3	4.1	2.2	3.1	0.8	0.3	6.3	7.4	9.7
Total	'000	10.7	9.4	8.6	4.0	6.0	1.4	0.8	13.3	12.3	18.4
Labour force	'000	18.8	15.5	13.7	6.0	9.1	2.3	2.1	21.3	19.7	30.3
Not in labour force	'000	17.8	15.1	13.6	5.8	8.9	2.2	2.0	18.0	21.8	29.3
Unemployment rate											
Looking for f/t work	pts	0.3	0.4	0.5	0.6	0.5	0.7	0.6	0.2	0.3	0.2
Looking for p/t work	pts	0.5	0.5	0.6	0.8	0.7	0.8	1.0	1.3	0.5	0.3
Total	pts	0.3	0.3	0.4	0.5	0.4	0.6	0.6	0.2	0.2	0.2
Participation rate	pts	0.3	0.3	0.4	0.4	0.4	0.5	1.1	0.7	0.2	0.2
Aged 15-19 years											
Employed											
Full time	'000	2.8	2.0	1.9	0.7	1.3	0.4	0.3	3.5	2.9	4.1
Part time	'000	3.9	3.3	2.7	1.3	1.9	0.5	0.4	4.3	4.9	6.1
Total	'000	4.5	3.6	3.1	1.4	2.2	0.6	0.5	5.1	5.3	7.0
Unemployed											
Looking for f/t work	'000	3.4	2.5	2.9	1.2	2.0	0.5	0.2	4.3	3.3	5.4
Looking for p/t work	'000	3.6	3.5	2.4	1.5	1.9	0.6	0.2	4.5	4.4	6.3
Total	'000	4.6	4.3	3.9	1.8	2.7	0.7	0.3	6.2	5.4	8.3
Labour force	'000	4.9	4.0	3.4	1.5	2.3	0.7	0.5	5.6	5.7	7.6
Not in labour force	'000	5.8	4.9	3.9	1.7	2.8	0.7	0.8	6.9	6.5	9.1
Unemployment rate											
Looking for f/t work	pts	3.8	5.6	5.2	8.3	5.4	8.1	5.3	19.1	2.8	4.0
Looking for p/t work	pts	1.9	2.4	2.2	3.2	2.9	3.8	3.2	5.2	1.8	1.3
Total	pts	1.8	2.3	2.3	3.2	2.6	3.6	3.1	5.1	1.6	1.3
Participation rate	pts	1.0	1.1	1.1	1.5	1.5	2.0	3.4	2.7	0.7	0.5
Unemployment to population ratio – looking for f/t work	pts	0.7	0.7	0.9	1.1	1.2	1.4	1.2	1.5	0.6	0.4

GLOSSARY

Actively looked for work	Actively looked for work includes: <ul style="list-style-type: none">■ written, telephoned or applied to an employer for work;■ had an interview with an employer for work;■ answered an advertisement for a job;■ checked or registered with a Job Services Australia provider or any other employment agency;■ taken steps to purchase or start your own business;■ advertised or tendered for work; and■ contacted friends or relatives in order to obtain work.
Actual hours of work	Actual hours of work refers to a specified reference period (e.g. a week) and includes: <ul style="list-style-type: none">■ hours actually worked during normal periods of work;■ time spent in addition to hours worked during normal periods of work (including overtime);■ time spent at the place of work on activities such as the preparation of the workplace, repairs and maintenance, preparation and cleaning of tools, and the preparation of receipts, time sheets and reports;■ time spent at the place of work waiting or standing by due to machinery or process breakdown, accident, lack of supplies, power or internet access, etc;■ time corresponding to short rest periods (resting time) including tea and coffee breaks or prayer breaks;■ travel time connected to work (excluding commuting time); and■ training and skills enhancement related to the job or employer. <p>Excluded are:</p> <ul style="list-style-type: none">■ hours paid for but not worked, such as paid annual leave, public holidays or paid sick leave;■ meal breaks (e.g. lunch breaks);■ paid and unpaid time 'on call';■ time spent on travel to and from work when no productive activity for the job is performed (e.g. commuting time); and■ time off during working hours to attend outside educational activities, even if it is authorised, e.g. those not connected to the job or employer. <p>For multiple job holders the LFS collects a separate measure of actual hours worked in main job and in all jobs.</p>
Attending full time education	Persons aged 15-24 years enrolled at secondary or high school or enrolled as a full time student at a Technical and Further Education (TAFE) college, university, or other educational institution in the reference week.
Attending school	Persons aged 15-19 years enrolled at secondary or high school in the reference week.
Attending tertiary educational institution full time	Persons aged 15-24 years enrolled full time at a TAFE college, university, or other educational institution in the reference week, except those persons aged 15-19 years who were still attending school.
Civilian population aged 15 years and over	All usual residents of Australia aged 15 years and over except members of the permanent defence forces, certain diplomatic personnel of overseas governments customarily excluded from census and estimated population counts, overseas residents in Australia, and members of non-Australian defence forces (and their dependants) stationed in Australia.
Composite Estimation	The estimation methodology used in the Labour Force Survey. Composite Estimation uses sample responses from nearby months as well as from the reference month to derive estimates for the reference month. This approach achieves gains in efficiency by exploiting the high similarity between the responses provided by the same respondent in previous months. For details see <i>Information Paper: Forthcoming Changes to Labour Force Statistics</i> , 2007 (cat. no. 6292.0).

GLOSSARY *continued*

Employed	All persons aged 15 years and over who met one of the following criteria during the reference week: <ul style="list-style-type: none">■ Worked for one hour or more for pay, profit, commission or payment in kind, in a job or business or on a farm (employees and owner managers of incorporated or unincorporated enterprises).■ Worked for one hour or more without pay in a family business or on a farm (contributing family workers).■ Were employees who had a job but were not at work and were:<ul style="list-style-type: none">■ away from work for less than four weeks up to the end of the reference week; or■ away from work for more than four weeks up to the end of the reference week and received pay for some or all of the four week period to the end of the reference week; or■ away from work as a standard work or shift arrangement; or■ on strike or locked out; or■ on workers' compensation and expected to return to their job.■ Were owner managers who had a job, business or farm, but were not at work.
Employed full-time	Includes employed persons who usually worked 35 hours or more a week (in all jobs) and those who, although usually working less than 35 hours a week, worked 35 hours or more during the reference week.
Employed part-time	Includes employed persons who usually worked less than 35 hours a week (in all jobs) and either did so during the reference week, or were not at work in the reference week.
Employment to population ratio	For any group, the number of employed persons expressed as a percentage of the civilian population in the same group.
Estimated resident population (ERP)	Estimated resident population (ERP), is Australia's official measure of the population of Australia and is based on the concept of usual residence. It refers to all people, regardless of nationality, citizenship or legal status, who usually live in Australia, with the exception of foreign diplomatic personnel and their families. It includes usual residents who are overseas for fewer than 12 months. It excludes overseas visitors who are in Australia for fewer than 12 months. Refer to Australian Demographic Statistics (cat. no. 3101.0).
Flow estimates	Flow estimates are a measure of activity over a given period. For example, monthly hours worked in all jobs is a measure of the total number of hours worked in a calendar month.
Gross flows	The matching of respondents who report in consecutive months enables analysis of the transition of individuals between the different labour force status classifications, referred to as the matched sample. The transition counts between the different labour force status classifications from one point in time to the next are commonly referred to as gross flows. The figures presented in gross flows are presented in original terms only and do not align with published labour force estimates. The gross flows figures are derived from the matched sample between consecutive months, which after taking account of the sample rotation and varying non-response in each month is approximately 80 percent of the sample. Caution should be exercised when analysing these gross flows data due to: <ul style="list-style-type: none">■ the figures presented sum to approximately 80 percent of the population values as the gross flows data are based on the matched sample only;■ there is no adjustment applied to account for changes due to seasonal patterns (referred to commonly as seasonal adjustment); and■ the estimates of relative sizes of each transition class are subject to bias due to the matched sample being a non-representative sample.
Labour force	For any group, persons who were employed or unemployed, as defined.

GLOSSARY *continued*

Labour force status	A classification of the civilian population aged 15 years and over into employed, unemployed or not in the labour force, as defined. The definitions conform closely to the international standard definitions adopted by the International Conferences of Labour Statisticians.
Long-term unemployed	The number of persons unemployed for 52 weeks or over.
Long-term unemployment ratio	The number of long-term unemployed persons, expressed as a percentage of the total unemployed population.
Market sector	The market sector is an industry grouping comprising the following industries: Agriculture, forestry and fishing; Mining; Manufacturing; Electricity, gas, water and waste services; Construction; Wholesale trade; Retail trade; Accommodation and food services; Transport, postal and warehousing; Information media and telecommunications; Finance and insurance services; Rental, hiring and real estate services; Professional, scientific and technical services; Administrative and support services; Arts and recreation services; and Other services. Refer to Australian National Accounts: Concepts, Sources and Methods (cat. no. 5216.0).
Non-market Sector	The non-market sector is an industry grouping comprising the following industries: Education and training; Public administration & safety; and Health care and social assistance. Refer to Australian National Accounts: Concepts, Sources and Methods (cat. no. 5216.0).
Monthly hours worked in all jobs	<p>Monthly hours worked in all jobs measures the total number of actual hours worked by employed persons in a calendar month. It differs from the actual hours worked estimates (and the usual hours worked estimates) since these refer only to the hours worked in the reference week.</p> <p>The methodology used to produce monthly hours worked in all jobs means that these are synthetic estimates. Seasonally adjusted and trend estimates of monthly hours worked in all jobs are available for the period July 1978 onwards.</p> <p>Further information on the methodology used to produce the monthly hours worked in all jobs estimates is available on the ABS website in <i>Information Paper: Expansion of Hours Worked Estimates from the Labour Force Survey</i> (cat. no. 6290.0.55.001).</p> <p>Actual and usual hours worked cannot be aggregated across time to produce either quarterly or annual estimates as they relate to only a single week in the month. In contrast, monthly hours worked in all jobs estimates are a true monthly measure, and may be aggregated across time to produce both quarterly and annual estimates.</p>
Not in labour force	Persons who were not in the categories employed or unemployed, as defined. They include people who undertook unpaid household duties or other voluntary work only, were retired, voluntarily inactive and those permanently unable to work.
Participation rate	For any group, the labour force expressed as a percentage of the civilian population aged 15 years and over in the same group.
Response rate	The number of fully responding dwellings expressed as a percentage of the total number of dwellings excluding sample loss. Examples of sample loss include: dwellings where all persons are out of scope and/or coverage; vacant dwellings; dwellings under construction; dwellings converted to non-dwellings; derelict dwellings; and demolished dwellings.
Seasonally adjusted series	A time series of estimates with the estimated effects of normal seasonal variation removed. See Explanatory Notes for more detail.
Stock estimates	Stock estimates are a measure of certain attributes at a point in time and can be thought of as stocktakes. For example, the total number of employed persons is an account of the number of people who were considered employed in the Labour Force Survey reference week.

GLOSSARY *continued*

Trend series	A smoothed seasonally adjusted series of estimates. See Explanatory Notes for more detail.
Underemployment rate (proportion of labour force)	The number of underemployed workers expressed as a percentage of the labour force.
Underemployment ratio (proportion of employed)	The number of underemployed workers expressed as a percentage of total employed persons.
Underemployed workers	Employed persons aged 15 years and over who want, and are available for, more hours of work than they currently have. They comprise: <ul style="list-style-type: none">■ persons employed part time who want to work more hours and are available to start work with more hours, either in the reference week or in the four weeks subsequent to the survey; or■ persons employed full time who worked part time hours in the reference week for economic reasons (such as being stood down or insufficient work being available). It is assumed that these people wanted to work full time in the reference week and would have been available to do so.
Underutilisation rate	The sum of the number of persons unemployed and the number of persons in underemployment, expressed as a proportion of the labour force.
Unemployed	Persons aged 15 years and over who were not employed during the reference week, and: <ul style="list-style-type: none">■ had actively looked for full time or part time work at any time in the four weeks up to the end of the reference week and were available for work in the reference week; or■ were waiting to start a new job within four weeks from the end of the reference week and could have started in the reference week if the job had been available then.
Unemployed looked for full time work	Unemployed persons who: <ul style="list-style-type: none">■ actively looked for full time work; or■ were waiting to start a new full time job.
Unemployed looked for only part time work	Unemployed persons who: <ul style="list-style-type: none">■ actively looked for part time work only; or■ were waiting to start a new part time job.
Unemployment rate	For any group, the number of unemployed persons expressed as a percentage of the labour force in the same group.
Usual hours of work	Usual hours of work refers to a typical period rather than the hours worked in a specified reference period. The concept of usual hours applies both to persons at work and to persons temporarily absent from work, and is defined as the hours worked during a typical week or day. Actual hours worked (for a specific reference period) may differ from usual hours worked due to illness, vacation, strike, overtime work, a change of job, or similar reasons.

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PHONE	1300 135 070
EMAIL	client.services@abs.gov.au
FAX	1300 135 211
POST	Client Services, ABS, GPO Box 796, Sydney NSW 2001

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